



# CLIP-115 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Catalog No         | BYab-03101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity         | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Name          | CLIP2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Protein Name       | CAP-Gly domain-containing linker protein 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human CLIP2. AA range:997-1046                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity        | CLIP-115 Polyclonal Antibody detects endogenous levels of CLIP-115 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Dilution           | Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms           | CLIP2; CYLN2; KIAA0291; WBSCR3; WBSCR4; WSCR4; CAP-Gly domain-containing linker protein 2; Cytoplasmic linker protein 115; CLIP-115; Cytoplasmic linker protein 2; Williams-Beuren syndrome chromosomal region 3 protein; Williams-Beuren syndro                                                                                                                                                                                                                                                                                               |
| Observed Band      | 120kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Cell Pathway       | Cytoplasm . Cytoplasm, cytoskeleton . Localizes preferentially to the ends of tyrosinated microtubules. .                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tissue Specificity | Brain,Clones donated by Kazusa DNA Research Inst.,Epitheliu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Function           | disease:Haploinsufficiency of CLIP2 may be the cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS) [MIM:194050]. WBS is a rare developmental disorder. It is a contiguous gene deletion syndrome involving genes from chromosome band 7q11.23.,function:Seems to link microtubules to dendritic lamellar body (DLB), a membranous organelle predominantly present in bulbous dendritic appendages of neurons linked by dendrodendritic gap junctions. May operates in the control of |

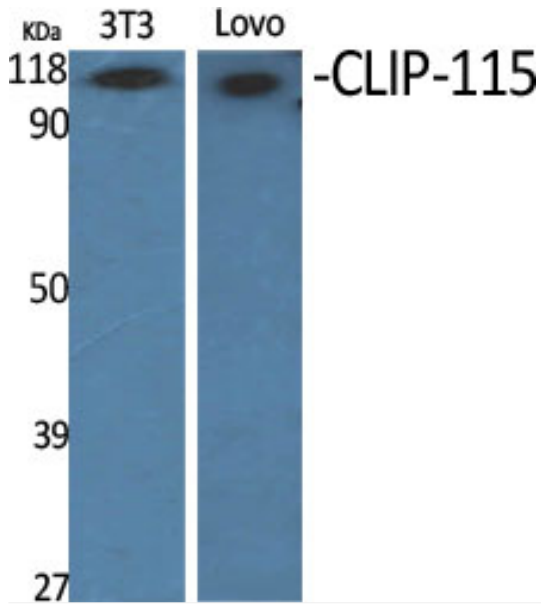
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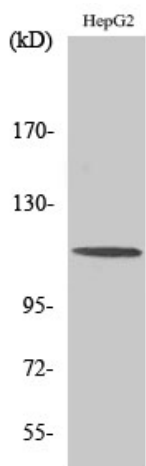
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                  | brain-specific organelle translocations.,similarity:Contains 2 CAP-Gly domains.,subcellular location:Associated with the cytoskeleton.,subunit:Interacts with CLASP1 and CLASP2.,                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Background</b>                | The protein encoded by this gene belongs to the family of cytoplasmic linker proteins, which have been proposed to mediate the interaction between specific membranous organelles and microtubules. This protein was found to associate with both microtubules and an organelle called the dendritic lamellar body. This gene is hemizygously deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq, Jul 2008], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Usage suggestions</b>         | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                          |



## Products Images



Western Blot analysis of various cells using CLIP-115 Polyclonal Antibody



Western Blot analysis of A549 cells using CLIP-115 Polyclonal Antibody

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