



# KKIAMRE Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-16745                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                     |
| Applications       | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Name          | CDKL2                                                                                                                                                                                                                                                                                                                                                                                |
| Protein Name       | Cyclin-dependent kinase-like 2                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human CDKL2. AA range:211-260                                                                                                                                                                                                                                                                                    |
| Specificity        | KKIAMRE Polyclonal Antibody detects endogenous levels of KKIAMRE 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           | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200                                                                                                                                                                                                                                                                                                                 |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                              |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                 |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                         |
| Synonyms           | CDKL2; Cyclin-dependent kinase-like 2; Protein kinase p56 KKIAMRE; Serine/threonine-protein kinase KKIAMRE                                                                                                                                                                                                                                                                           |
| Observed Band      | 56kD                                                                                                                                                                                                                                                                                                                                                                                 |
| Cell Pathway       | Cytoplasm . Nucleus .                                                                                                                                                                                                                                                                                                                                                                |
| Tissue Specificity | Expressed in testis and kidney, and at lower level in brain and lung.                                                                                                                                                                                                                                                                                                                |
| Function           | catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:The [NKR]KIAxRE motif seems to be a cyclin-binding region.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed in testis and kidney, and at lower level in brain and lung., |
| Background         | This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the cytoplasm, with lower levels in the nucleus. [provided by RefSeq, Jul 2008],                                                                                                                                                                       |

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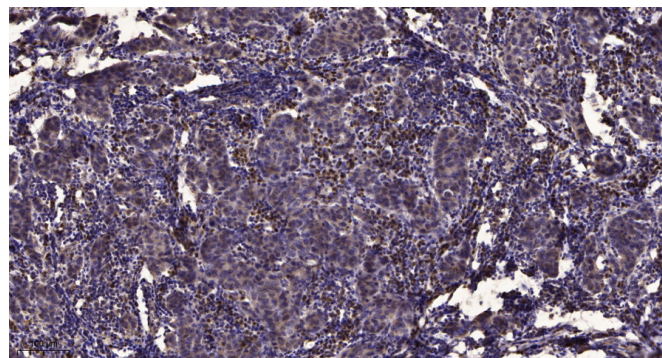
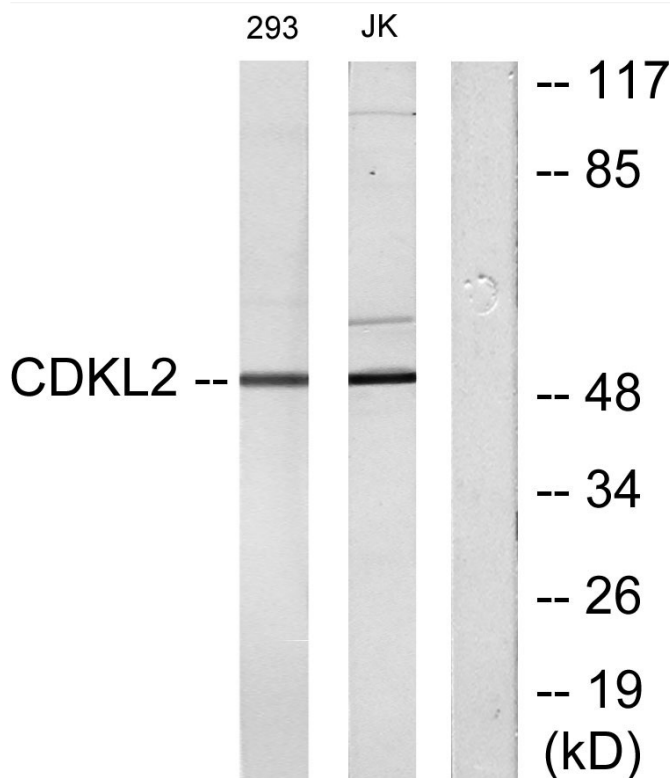
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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