



# ARHGEF19 Polyclonal Antibody

|                                  |                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | BYab-31756                                                                                                                                                                                     |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                            |
| <b>Reactivity</b>                | Human;Rat;Mouse;                                                                                                                                                                               |
| <b>Applications</b>              | WB;IHC;IF;ELISA                                                                                                                                                                                |
| <b>Gene Name</b>                 | ARHGEF19                                                                                                                                                                                       |
| <b>Protein Name</b>              | Rho guanine nucleotide exchange factor 19                                                                                                                                                      |
| <b>Immunogen</b>                 | The antiserum was produced against synthesized peptide derived from human ARHGEF19. AA range:251-300                                                                                           |
| <b>Specificity</b>               | ARHGEF19 Polyclonal Antibody detects endogenous levels of ARHGEF19 protein.                                                                                                                    |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                        |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG                                                                                                                                                                         |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                          |
| <b>Dilution</b>                  | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200                                                                                                                           |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                        |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                           |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                   |
| <b>Synonyms</b>                  | ARHGEF19; Rho guanine nucleotide exchange factor 19; Ephexin-2                                                                                                                                 |
| <b>Observed Band</b>             | 90kD                                                                                                                                                                                           |
| <b>Cell Pathway</b>              |                                                                                                                                                                                                |
| <b>Tissue Specificity</b>        | Colon,Pancreas,Tongue,                                                                                                                                                                         |
| <b>Function</b>                  | function:Acts as guanine nucleotide exchange factor (GEF) for RhoA GTPase.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 SH3 domain., |
| <b>Background</b>                | Guanine nucleotide exchange factors (GEFs) such as ARHGEF19 accelerate the GTPase activity of Rho GTPases (see RHOA, MIM 165390).[supplied by OMIM, Dec 2008],                                 |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                           |

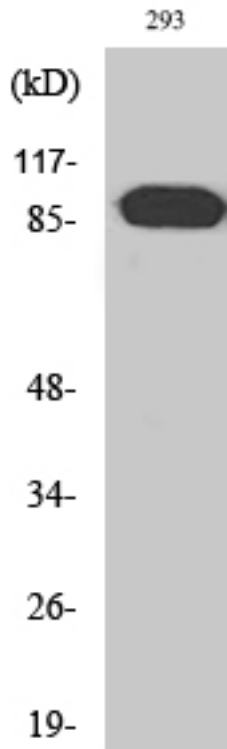
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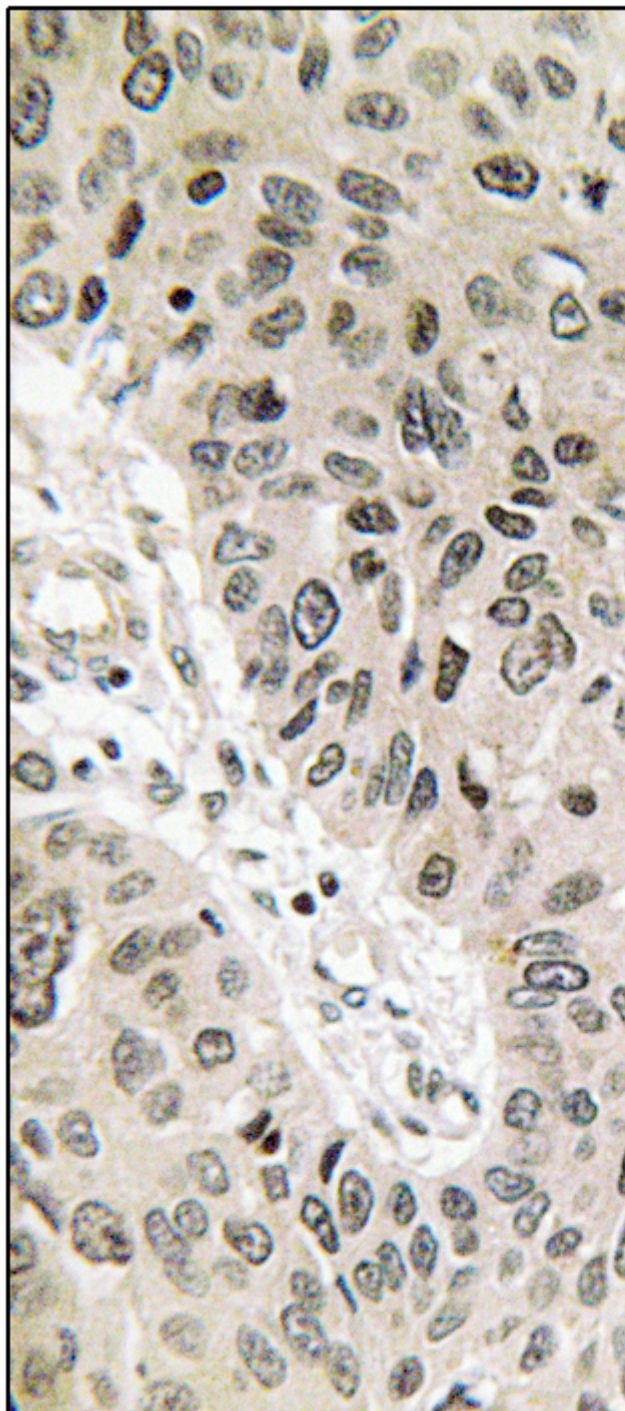
#### Usage suggestions

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 ARHGEF19 Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using ARHGEF19 Antibody. The picture on the right is blocked with the synthesized peptide.

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