



# ARHGAP23 Monoclonal Antibody

|                           |  |
|---------------------------|--|
| <b>Catalog No</b>         | BYmab-16136  |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Rat;Mouse;   |
| <b>Applications</b>       | WB   |
| <b>Gene Name</b>          | ARHGAP23   |
| <b>Protein Name</b>       | Rho GTPase-activating protein 23   |
| <b>Immunogen</b>          | Synthesized peptide derived from ARHGAP23 . at AA range: 470-550   |
| <b>Specificity</b>        | ARHGAP23 Monoclonal Antibody detects endogenous levels of ARHGAP23 protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source</b>             | Monoclonal, Mouse,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | WB 1:500-2000  |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           | ARHGAP23; KIAA1501; Rho GTPase-activating protein 23; Rho-type GTPase-activating protein 23  |
| <b>Observed Band</b>      |  |
| <b>Cell Pathway</b>       | cytosol,extracellular exosome,   |
| <b>Tissue Specificity</b> | Expressed in placenta, prostate, hippocampus and brain medulla. Also expressed in brain tumor, salivary gland tumor, head and neck tumor.  |
| <b>Function</b>           | function:GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.,similarity:Contains 1 PDZ (DHR) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 Rho-GAP domain.,tissue specificity:Expressed in placenta, prostate, hippocampus and brain medulla. Also expressed in brain tumor, salivary gland tumor, head and neck tumor., |
| <b>Background</b>         | The RHO (see ARHA; MIM 165390) family of small GTPases are involved in signal transduction through transmembrane receptors, and they are inactive in the GDP-bound form and active in the GTP-bound form. GTPase-activating proteins, such as ARHGAP23, inactivate RHO family proteins by stimulating their  |

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hydrolysis of GTP (Kato and Kato, 2004 [PubMed 15254754]).[supplied by OMIM, Mar 2008],

**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

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网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658