



# ARHGAP23 Polyclonal Antibody

<b>Catalog No</b>	BYab-16136
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	IHC;IF;WB;ELISA
<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 Polyclonal 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>	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 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/40000.. 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>	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 (Katoh and Katoh, 2004 [PubMed 15254754]).[supplied by OMIM, Mar 2008],

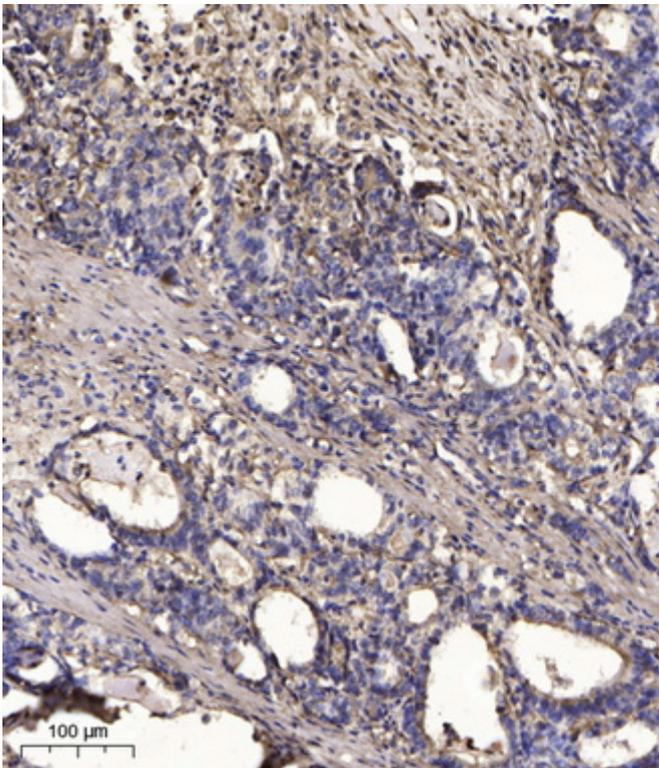
**matters needing attention**

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



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 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).