



# GRP3 Monoclonal Antibody

<b>Catalog No</b>	BYmab-06026
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	RASGRP3 GRP3 KIAA0846
<b>Protein Name</b>	Ras guanyl-releasing protein 3 (Calcium and DAG-regulated guanine nucleotide exchange factor III) (Guanine nucleotide exchange factor for Rap1)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 90-170
<b>Specificity</b>	GRP3 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 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>	
<b>Observed Band</b>	75kD
<b>Cell Pathway</b>	intracellular,plasma membrane,integral component of plasma membrane,guanyl-nucleotide exchange factor complex,perinuclear region of cytoplasm,
<b>Tissue Specificity</b>	Brain,
<b>Function</b>	function:Guanine nucleotide exchange factor (GEF) for Ras and Rap1.,similarity:Belongs to the RASGRP family.,similarity:Contains 1 N-terminal Ras-GEF domain.,similarity:Contains 1 phorbol-ester/DAG-type zinc finger.,similarity:Contains 1 Ras-GEF domain.,similarity:Contains 2 EF-hand domains.,
<b>Background</b>	RAS guanyl releasing protein 3(RASGRP3) Homo sapiens Members of the RAS (see HRAS; MIM 190020) subfamily of GTPases function in signal transduction as GTP/GDP-regulated switches that cycle between inactive GDP- and active GTP-bound states. Guanine nucleotide exchange factors (GEFs), such as RASGRP3, serve as RAS activators by promoting acquisition of GTP to

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maintain the active GTP-bound state and are the key link between cell surface receptors and RAS activation (Rebhun et al., 2000 [PubMed 10934204]).[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