



GRP3 Monoclonal Antibody

Catalog No	YP-mAb-06026
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	RASGRP3 GRP3 KIAA0846
Protein Name	Ras guanyl-releasing protein 3 (Calcium and DAG-regulated guanine nucleotide exchange factor III) (Guanine nucleotide exchange factor for Rap1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	GRP3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	75kD
Cell Pathway	intracellular,plasma membrane,integral component of plasma membrane,guanyl-nucleotide exchange factor complex,perinuclear region of cytoplasm,
Tissue Specificity	Brain,
Function	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.,
Background	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 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