



GRP3 Polyclonal Antibody

Catalog No	YP-Ab-06026
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RASGRP3 GRP3 KIAA0846
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	GRP3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GRP3;KIAA0846;Ras guanyl releasing protein 3;RAS-GRP;RASGRP3;RASGRP3 GRP3 KIAA0846;Ras guanyl-releasing protein 3 (Calcium and DAG-regulated guanine nucleotide exchange factor III) (Guanine nucleotide exchange factor for Rap1)
Observed Band	70 kDa
Calculated Molecular Weight	690 aa, 78 kDa
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