

GRP3 Polyclonal Antibody

Catalog No :	YN1155
Reactivity :	Human
Applications :	WB;ELISA
Target :	GRP3
Fields :	>>MAPK signaling pathway;>>Ras signaling pathway;>>Rap1 signaling pathway;>>B cell receptor signaling pathway;>>Pathways in cancer
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)
Human Gene Id :	25780
Human Swiss Prot No :	Q8IV61
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
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	75kD

Cell Pathway :	<u>MAPK_ERK_Growth;MAPK_G_Protein;B_Cell_Antigen;</u>
Background :	<u>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],</u>
Function :	<u>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.,</u>
Subcellular Location :	<u>intracellular,plasma membrane,integral component of plasma membrane,guanyl-nucleotide exchange factor complex,perinuclear region of cytoplasm,</u>
Expression :	<u>Brain,</u>
Sort :	<u>19371</u>
No4 :	<u>1</u>
Host :	<u>Rabbit</u>
Modifications :	<u>Unmodified</u>

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