



# GRP3 rabbit pAb

Cat No.:ES10101

For research use only

## Overview

<b>Product Name</b>	GRP3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 90-170
<b>Specificity</b>	GRP3 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<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>Gene Name</b>	RASGRP3 GRP3 KIAA0846
<b>Cellular localization</b>	intracellular,plasma membrane,integral component of plasma membrane,guanyl-nucleotide exchange factor complex,perinuclear region of cytoplasm,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	75kD
<b>Human Gene ID</b>	25780
<b>Human Swiss-Prot Number</b>	Q8IV61
<b>Alternative Names</b>	
<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



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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],