

Rabbit RASGRP4 Polyclonal Antibody | anti-RASGRP4 antibody

RASGRP4 Antibody

CATALOG #	HOST	APPLICATIONS
AAA225238	Rabbit	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence

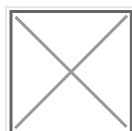
PRODUCT SYNONYMS

RASGRP4; Polyclonal Antibody; RASGRP4 Antibody; Affinity Purified Rabbit Polyclonal RASGRP4 Antibody; Polyclonal RASGRP4 antibody; Anti-RASGRP4 antibody; guanyl nucleotide releasing protein 4 antibody; RASGRP-4; RAS guanyl releasing protein 4 antibody; RASGRP4 antibody; RASGRP 4; RASGRP-4 antibody; RAS guanyl-releasing protein 4 antibody; RASGRP 4 antibody; anti-RASGRP4 antibody

PRODUCT SPECIFICATIONS

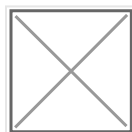
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 1X PBS, 40% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	639
Applicable Applications for anti-RASGRP4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	RASGRP4 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 108 and 200 of RASGRP4
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



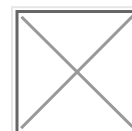
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded SW480 xenograft using RASGRP4 antibody at a dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using RASGRP4 antibody at 1:500 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Jurkat) using a 7.5% SDS PAGE gel and RASGRP4 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-RASGRP4 antibody	The protein encoded by this gene is a member of the Ras guanyl nucleotide-releasing protein (RasGRP) family of Ras guanine nucleotide exchange factors. It contains a Ras exchange motif, a diacylglycerol-binding domain, and two calcium-binding EF hands. This protein was shown to activate H-Ras in a cation-dependent manner in vitro. Expression of this protein in myeloid cell lines was found to be correlated with elevated level of activated RAS protein, and the RAS activation can be greatly enhanced by phorbol ester treatment, which suggested a role of this protein in diacylglycerol regulated cell signaling pathways. Studies of a mast cell leukemia cell line expressing substantial amounts of abnormal transcripts of this gene indicated that this gene may play an important role in the final stages of mast cell development.
Product Categories/Family for anti-RASGRP4 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	226246581
NCBI GeneID	115727
NCBI GenBank Nucleotide #	NP_001139677.1
UniProt Accession #	Q8TDF6
Molecular Weight	75 kDa
NCBI Official Full Name	RAS guanyl-releasing protein 4 isoform e
NCBI Official Synonym Full Names	RAS guanyl releasing protein 4
NCBI Official Symbol	RASGRP4
NCBI Protein Information	RAS guanyl-releasing protein 4
UniProt Protein Name	RAS guanyl-releasing protein 4
UniProt Gene Name	RASGRP4
UniProt Entry Name	GRP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.