

Rabbit RAB3GAP2 Polyclonal Antibody | anti-RAB3GAP2 antibody

RAB3GAP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325026	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

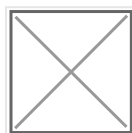
PRODUCT SYNONYMS

RAB3GAP2; Polyclonal Antibody; RAB3GAP2 Antibody; DKFZp434D245; FLJ14579; KIAA0839; p150; Rab3 GAP p150; Rab3 GAP regulatory subunit; Rab3 GAP150; Rab3 GTPase activating protein 150 kDa subunit; Rab3 GTPase activating protein non catalytic subunit; RAB3 GTPase activating protein subunit 2 (non catalytic); RAB3 GTPase activating protein subunit 2; RAB3GAP150; RGAP iso; RP11 568G11.1; anti-RAB3GAP2 antibody

PRODUCT SPECIFICATIONS

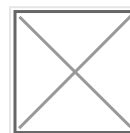
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	RAB3GAP2 antibody detects endogenous levels of total RAB3GAP2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1393
Applicable Applications for anti-RAB3GAP2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic. Note: In neurons, it is enriched in the synaptic soluble fraction.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (92%), Bovine (92%), Sheep (92%), Rabbit (100%), Dog (92%), Chicken (92%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COS cells, using RAB3GAP2 antibody.



IHC (Immunohistochemistry)

AAA325026 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA325026 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB3GAP2 antibody	Function: Regulatory subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated exocytosis of neurotransmitters and hormones. Rab3 GTPase-activating complex specifically converts active Rab3-GTP to the inactive form Rab3-GDP. Required for normal eye and brain development. May participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters. Subunit Structure: The Rab3 GTPase-activating complex is a heterodimer composed of RAB3GAP and RAB3-GAP150. The Rab3 GTPase-activating complex interacts with DMXL2 (By similarity). Interacts with LMAN1 (PubMed:22337587). Similarity: Belongs to the Rab3-GAP regulatory subunit family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923790
NCBI GeneID	25782
NCBI Accession #	NP_036546.2
NCBI GenBank Nucleotide #	NM_012414.3
UniProt Accession #	Q9H2M9; O75872; Q9HAB0; Q9UFJ7; Q9UQ15; A6H8V0
Molecular Weight	Observed: 156 kD Predicted: 156 kDa
NCBI Official Full Name	rab3 GTPase-activating protein non-catalytic subunit
NCBI Official Synonym Full Names	RAB3 GTPase activating non-catalytic protein subunit 2
NCBI Official Symbol	RAB3GAP2
NCBI Official Synonym Symbols	p150; SPG69; WARBM2; RAB3GAP150; RAB3-GAP150
NCBI Protein Information	rab3 GTPase-activating protein non-catalytic subunit
UniProt Protein Name	Rab3 GTPase-activating protein non-catalytic subunit
UniProt Gene Name	RAB3GAP2
UniProt Synonym Gene Names	KIAA0839; Rab3-GAP150

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rab3gap2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/325026>