

Rabbit ARHGEF3 Polyclonal Antibody | anti-ARHGEF3 antibody

ARHGEF3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325085	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ARHGEF3; Polyclonal Antibody; ARHGEF3 Antibody; 1200004I24Rik; 59.8 kDA protein; 9830169H03Rik; ARHGEF 3; C76747; DKFZP434F2429; Exchange factor found in platelets and leukemic and neuronal tissues; Exchange factor found in platelets and leukemic and neuronal tissues XPLN; FLJ98126; GEF 3; GEF3; MGC118905; Rho guanine nucleotide exchange factor (GEF) 3; Rho guanine nucleotide exchange factor 3; RhoGEF protein; STA 3; STA3; XPLN; anti-ARHGEF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ARHGEF3 antibody detects endogenous levels of total ARHGEF3
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	558
Applicable Applications for anti-ARHGEF3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic
Tissue Specificity	Widely expressed. Highest levels are found in adult brain and skeletal muscle. Lower levels are found in heart and kidney.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Dog (100%), Chicken (100%)
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 COLO cells, using ARHGEF3 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325085 staining COLO205 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-ARHGEF3 antibody	Function: Acts as guanine nucleotide exchange factor (GEF) for RhoA and RhoB GTPases. Subunit Structure: Interacts with RHOA and RHOB.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190885495
NCBI GeneID	50650
NCBI Accession #	NP_001122087.1
NCBI GenBank Nucleotide #	NM_001128615.1
UniProt Accession #	Q9NR81; Q4FZB6; Q4QQI5; Q4QQQ0; Q59F00; Q6NUN3; Q7Z4U2; Q7Z5T2; Q9H7T4; A8K5U7
Molecular Weight	Observed: 55 kD Predicted: 60 kDa
NCBI Official Full Name	rho guanine nucleotide exchange factor 3 isoform 1
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor 3
NCBI Official Symbol	ARHGEF3
NCBI Official Synonym Symbols	GEF3; STA3; XPLN
NCBI Protein Information	rho guanine nucleotide exchange factor 3
UniProt Protein Name	Rho guanine nucleotide exchange factor 3
UniProt Gene Name	ARHGEF3
UniProt Synonym Gene Names	XPLN

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/arhgef3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325085>