

Rabbit anti-Human ARHGEF16 Polyclonal Antibody | anti-ARHGEF16 antibody

ARHGEF16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325084	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ARHGEF16; Polyclonal Antibody; ARHGEF16 Antibody; ARHGEF 16; ARHGG_HUMAN; Ephexin 4; Ephexin-4; EPHEXIN4; GEF16; NBR; Putative Neuroblastoma Protein; Rho guanine exchange factor (GEF) 16; Rho guanine nucleotide exchange factor (GEF) 16; Rho guanine nucleotide exchange factor 16; anti-ARHGEF16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ARHGEF16 antibody detects endogenous levels of total ARHGEF16
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	709
Applicable Applications for anti-ARHGEF16 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	Up-regulated by HPV16 E6 (at protein level).
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 A549 cells, using ARHGEF16 antibody.



IF (Immunofluorescence)

AAA325084 staining A549 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-ARHGEF16 antibody	Function: Guanyl-nucleotide exchange factor of the RHOG GTPase stimulating the exchange of RHOG-associated GDP for GTP. May play a role in chemotactic cell migration by mediating the activation of RAC1 by EPHA2. May also activate CDC42 and mediate activation of CDC42 by the viral protein HPV16 E6. Subunit Structure: Interacts with ELMO2, EPHA2, RAC1 and RHOG; mediates activation of RAC1 by EPHA2. Interacts with TAX1BP3 (via PDZ domain). May interact with CDC42; stimulated by HPV16 E6. Similarity: The PDZ-binding motif mediates interaction with TAX1BP3.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	163792208
NCBI GeneID	27237
NCBI Accession #	NP_055263.2
NCBI GenBank Nucleotide #	NM_014448.3
UniProt Accession #	Q5VV41; Q86TF0; Q99434
Molecular Weight	Observed: 80 kD Predicted: 81 kDa
NCBI Official Full Name	rho guanine nucleotide exchange factor 16
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor 16
NCBI Official Symbol	ARHGEF16
NCBI Official Synonym Symbols	NBR; GEF16
NCBI Protein Information	rho guanine nucleotide exchange factor 16
UniProt Protein Name	Rho guanine nucleotide exchange factor 16
UniProt Gene Name	ARHGEF16
UniProt Synonym Gene Names	EPHEXIN4; NBR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/arhgef16-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325084>