

Rabbit Arhgef9 Polyclonal Antibody | anti-Arhgef9 antibody

Arhgef9 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283795	Rabbit	Human, rat (Predicted Reactivity: Bovine, Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

Arhgef9; Polyclonal Antibody; Arhgef9 Antibody (Center); Rho guanine nucleotide exchange factor 9; Collybistin; Rac/Cdc42 guanine nucleotide exchange factor 9; anti-Arhgef9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, rat (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Arhgef9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 274-303 amino acids from the Central region of human Arhgef9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	274-303
Sequence Length	411
Applicable Applications for anti-Arhgef9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	RAT
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with Arhgef9 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of Arhgef9 (arrow) using rabbit polyclonal Arhgef9 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the Arhgef9 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-Arhgef9 antibody	ARHGEF9 belongs to a family of Rho-like GTPases that act as molecular switches by cycling from the active GTP-bound state to the inactive GDP-bound state. These proteins are key regulators of the actin cytoskeleton and are involved in cell signaling.
Product Categories/Family for anti-Arhgef9 antibody	Signal Transduction
References	Xiang,S., J. Mol. Biol. 359 (1), 35-46 (2006) Harvey,K., J. Neurosci. 24 (25), 5816-5826 (2004) Grosskreutz,Y., Biol. Chem. 382 (10), 1455-1462 (2001) Kins,S., Nat. Neurosci. 3 (1), 22-29 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13027402
NCBI GeneID	66013
NCBI Accession #	NP_076447.1
NCBI GenBank Nucleotide #	NM_023957.1
UniProt Accession #	Q9QX73; Q9ER22
Molecular Weight	58157
NCBI Official Full Name	rho guanine nucleotide exchange factor 9
NCBI Official Synonym Full Names	Cdc42 guanine nucleotide exchange factor (GEF) 9
NCBI Official Symbol	Arhgef9
NCBI Protein Information	rho guanine nucleotide exchange factor 9
UniProt Protein Name	Rho guanine nucleotide exchange factor 9
UniProt Gene Name	Arhgef9
UniProt Entry Name	ARHG9_RAT

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/arhgef9-antibody-immunohistochemistry-western-blot-elisa/283795>