

Rabbit anti-Human PDZ-RhoGEF Polyclonal Antibody | anti-PDZ-RhoGEF antibody

Rabbit anti-PDZ-RhoGEF Antibody, Affinity Purified

CATALOG # AAA211694	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation
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PRODUCT SYNONYMS

PDZ-RhoGEF; Polyclonal Antibody; Rabbit anti-PDZ-RhoGEF Antibody; Affinity Purified; rho guanine nucleotide exchange factor 11; RhoA-specific guanine nucleotide exchange factor; Rho guanine nucleotide exchange factor (GEF) 11; Rho guanine exchange factor (GEF) 11; PDZ-RHOGEF; GTRAP48; glutamate transporter EAAT4-associated protein 48; RhoGEF glutamate transport modulator; Rho guanine nucleotide exchange factor 11; anti-PDZ-RhoGEF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PDZ-RhoGEF antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human PDZ-RhoGEF by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PDZ-RhoGEF antibody AAA211694 used for IP at 3 ug/mg lysate. PDZ-RhoGEF was also immunoprecipitated by rabbit anti-PDZ-RhoGEF antibody which recognizes a downstream epitope. For blotting immunoprecipitated PDZ-RhoGEF, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human PDZ-RhoGEF by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PDZ-RhoGEF (Cat. No. AAA211694 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PDZ-RhoGEF antibody

PDZ-RhoGEF. (PDZ domain-containing Rho guanine nucleotide exchange factor) catalyzes the exchange of GDP for GTP on the GTPase, Rho, to activate downstream signaling pathways. It contains a PDZ [post synaptic density protein (PSD95), Drosophila disc large tumor suppressor (DlgA), and zonula occludens-1 protein (zo-1)] domain which is an 80-90 amino acid structural domain found in signaling proteins in bacteria, yeast, plants, and animals. PDZ-RhoGEF has been shown to be important to cell migration and the regulation of adhesion movement and trailing edge retraction.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662086
NCBI GeneID	9826
NCBI Accession #	NP_055599.1
NCBI GenBank Nucleotide #	NM_014784.3
UniProt Accession #	O15085; Q5VY40; Q6PFW2; D3DVD0
Molecular Weight	167,704 Da
NCBI Official Full Name	rho guanine nucleotide exchange factor 11 isoform 1
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor (GEF) 11
NCBI Official Symbol	ARHGEF11
NCBI Official Synonym Symbols	GTRAP48; PDZ-RHOGEF
NCBI Protein Information	rho guanine nucleotide exchange factor 11; Rho guanine exchange factor (GEF) 11; RhoGEF glutamate transport modulator; RhoA-specific guanine nucleotide exchange factor; glutamate transporter EAAT4-associated protein 48
UniProt Protein Name	Rho guanine nucleotide exchange factor 11
UniProt Gene Name	ARHGEF11
UniProt Synonym Gene Names	KIAA0380
UniProt Entry Name	ARHGB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdz-rhogef-antibody-immunohistochemistry-immunoprecipitation-elisa/211694>