

Rabbit ARHGEF3 Polyclonal Antibody | anti-ARHGEF3 antibody

ARHGEF3 Polyclonal Antibody

CATALOG # AAA169563	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

ARHGEF3; Polyclonal Antibody; ARHGEF3 Polyclonal Antibody; GEF3; STA3; XPLN; anti-ARHGEF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	324
Applicable Applications for anti-ARHGEF3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human ARHGEF3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ARHGEF3 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ARHGEF3 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGEF3 antibody

Rho-like GTPases are involved in a variety of cellular processes, and they are activated by binding GTP and inactivated by conversion of GTP to GDP by their intrinsic GTPase activity. Guanine nucleotide exchange factors (GEFs) accelerate the GTPase activity of Rho GTPases by catalyzing their release of bound GDP. This gene encodes a guanine nucleotide exchange factor, which specifically activates two members of the Rho GTPase family: RHOA and RHOB, both of which have a role in bone cell biology. It has been identified that genetic variation in this gene plays a role in the determination of bone mineral density (BMD), indicating the implication of this gene in postmenopausal osteoporosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71043417
NCBI GeneID	50650
Molecular Weight	36,981 Da
NCBI Official Full Name	ARHGEF3 protein
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor (GEF) 3
NCBI Official Symbol	ARHGEF3
NCBI Official Synonym Symbols	GEF3; STA3; XPLN
NCBI Protein Information	rho guanine nucleotide exchange factor 3; 59.8 kDA protein; RhoGEF protein; exchange factor found in platelets and leukemic and neuronal tissues, XPLN
UniProt Protein Name	Rho guanine nucleotide exchange factor 3
UniProt Gene Name	ARHGEF3
UniProt Synonym Gene Names	XPLN
UniProt Entry Name	ARHG3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arhgef3-antibody-immunohistochemistry-elisa/169563>