

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

ARHGDIB Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284730	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

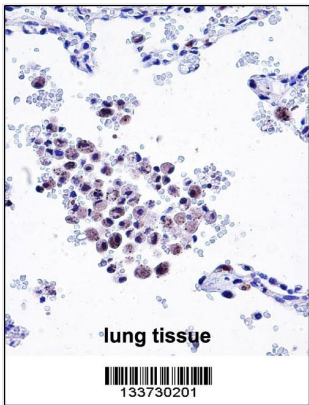
PRODUCT SYNONYMS

ARHGDIB; Polyclonal Antibody; ARHGDIB Antibody (C-term); Rho GDP-dissociation inhibitor 2; Rho GDI 2; Ly-GDI; Rho-GDI beta; GDIA2; GDID4; RAP1GN1; anti-ARHGDIB antibody

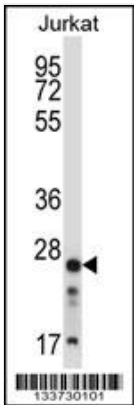
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ARHGDIB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-188 amino acids from the C-terminal region of human ARHGDIB.
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	160-188
Sequence Length	201
Applicable Applications for anti-ARHGDIB antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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 (Immunohiostchemistry)
ARHGDI B Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of ARHGDI B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ARHGDI B Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the ARHGDI B antibody detected the ARHGDI B protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGDI B antibody	Members of the Rho (or ARH) protein family (see MIM 165390) and other Ras-related small GTP-binding proteins (see MIM 179520) are involved in diverse cellular events, including cell signaling, proliferation, cytoskeletal organization, and secretion. The GTP-binding proteins are active only in the GTP-bound state. At least 3 classes of proteins tightly regulate cycling between the GTP-bound and GDP-bound states: GTPase-activating proteins (GAPs), guanine nucleotide-releasing factors (GRFs), and GDP-dissociation inhibitors (GDIs). The GDIs, including ARHGDI B, decrease the rate of GDP dissociation from Ras-like GTPases (summary by Scherle et al., 1993 [PubMed 8356058]).
Product Categories/Family for anti-ARHGDI B antibody	Signal Transduction
References	Niu, H., et al. Oncol. Rep. 24(2):465-471(2010) Zhen, H., et al. Int. J. Gynecol. Cancer 20(3):316-322(2010) Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Said, N., et al. Cancer Metastasis Rev. 28 (3-4), 327-333 (2009) : Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	56676393
NCBI GeneID	397
NCBI Accession #	NP_001166.3
NCBI GenBank Nucleotide #	NM_001175.5
UniProt Accession #	P52566; B5BU79
Molecular Weight	22988
NCBI Official Full Name	rho GDP-dissociation inhibitor 2
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor (GDI) beta
NCBI Official Symbol	ARHGDI B

NCBI Official Synonym Symbols	D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2
NCBI Protein Information	rho GDP-dissociation inhibitor 2
UniProt Protein Name	Rho GDP-dissociation inhibitor 2
UniProt Gene Name	ARHGDIB
UniProt Synonym Gene Names	GDIA2; GDID4; RAP1GN1; Rho GDI 2
UniProt Entry Name	GDIR2_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/arhgdib-antibody-immunohistochemistry-western-blot-elisa/284730>