

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

ARHGDIB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA309263	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

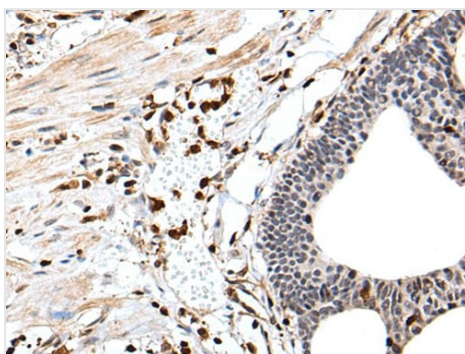
PRODUCT SYNONYMS

ARHGDIB; Polyclonal Antibody; ARHGDIB Antibody; D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2; anti-ARHGDIB antibody

PRODUCT SPECIFICATIONS

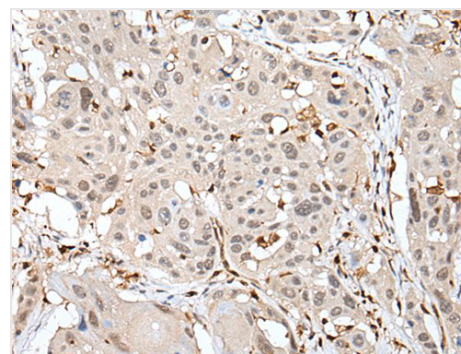
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ARHGDIB protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.2mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-ARHGDIB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human ARHGDIB
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C

IMAGES



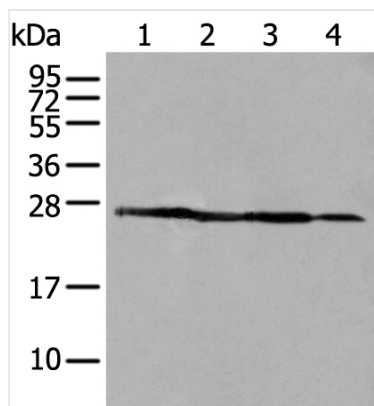
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ARHGDIB Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ARHGDIB Antibody at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 12%SDS-PAGE Lysate: 40 ug, Lane 1-4: K562E~293TE~A431 and HepG2 cell lysates,
Primary antibody:ARHGDIB antibody at dilution 1/500 dilution, Secondary antibody: Goat anti
rabbit IgG at 1/8000 dilution, Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-ARHGDIB 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).
Product Categories/Family for anti-ARHGDIB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	56676393
NCBI GeneID	397
NCBI Accession #	NP_001166.3
NCBI GenBank Nucleotide #	NM_001175.6
UniProt Accession #	P52566; B5BU79
Molecular Weight	22,988 Da
NCBI Official Full Name	rho GDP-dissociation inhibitor 2
NCBI Official Synonym Full Names	Rho GDP dissociation inhibitor beta
NCBI Official Symbol	ARHGDIB
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.