

ARHGDIB Antibody

Catalog No: #43705



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Description

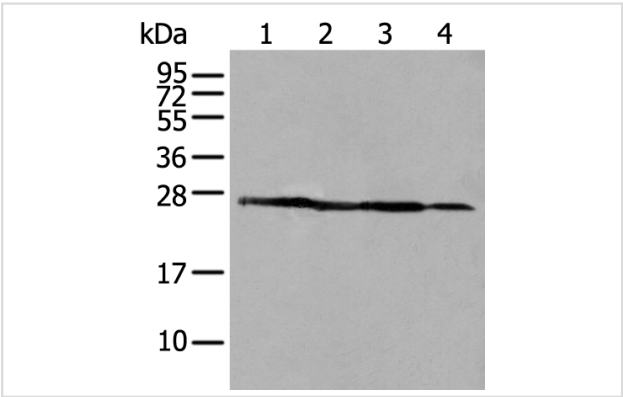
Product Name	ARHGDIB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total ARHGDIB protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human ARHGDIB
Target Name	ARHGDIB
Other Names	D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2
Accession No.	Swiss-Prot#: P52566NCBI Gene ID: 397
Uniprot	P52566
GeneID	397;
Calculated MW	23kd
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

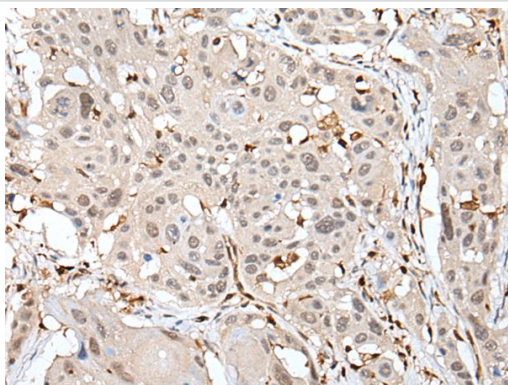
Western blotting: 1:500-2000

Immunohistochemistry: 1: 20-100

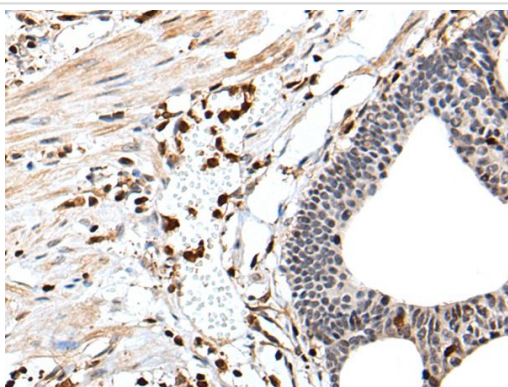
Images



Gel: 12%SDS-PAGE
Lysate: 40 µg, Lane 1-4: K562B£B~293TB£B~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



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)



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)

Background

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).

Note: This product is for in vitro research use only