

Datasheet for ABIN1678741
anti-ARHGDIB antibody (AA 1-201)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ARHGDIB
Binding Specificity:	AA 1-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGDIB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-201 of human ARHGDIB (NP_001166.3).
Sequence:	MTEKAPEPHV EEDDDDELDS KLNYPKPPQK SLKELQEMDK DDESLIKYKK TLLGDGPVVT DPKAPNVVVT RLTLVCESAP GPITMDLTGD LEALKKETIV LKEGSEYRVK IHFKVNRDIV SGLKYVQHTY RTGVKVDKAT FMVGSYGPRP EEEFLTPVE EAPKGMLARG TYHNKSFFTD DDKQDHLSWE WNLSIKKEWT E
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

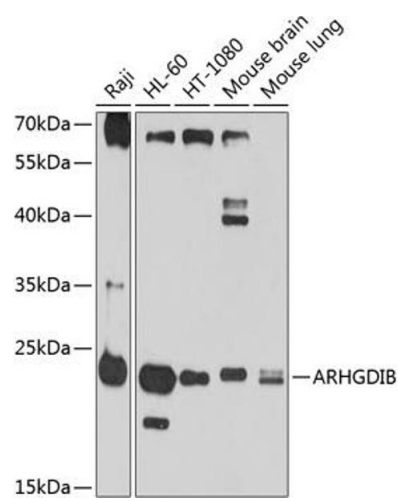
Target:	ARHGDIB
Alternative Name:	ARHGDIB (ARHGDIB Products)
Background:	<p>Members of the Rho (or ARH) protein family (see MIM 165390) and other Ras-related small GTP-binding proteins (see MIM 179520) are involved in diverse cellular events, including cell signaling, proliferation, cytoskeletal organization, 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 ARHGDIB, decrease the rate of GDP dissociation from Ras-like GTPases (summary by Scherle et al., 1993 [PubMed 8356058]).[supplied by OMIM, Dec 2010],ARHGDIB,D4,GDIA2,GDID4,LYGDI,LY-GDI,RAP1GN1,RhoGDI2,Signal Transduction,G protein signaling,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Microfilaments,ARHGDIB</p>
Molecular Weight:	22 kDa
Gene ID:	397
UniProt:	P52566
Pathways:	Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ARHGDIB antibody (ABIN1678741, ABIN3018028, ABIN3018029 and ABIN6220341) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.