

Datasheet for ABIN2855594
anti-ARHGDIB antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ARHGDIB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARHGDIB antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Rho GDI2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit polyclonal antibody to Rho GDI2 (Rho GDP dissociation inhibitor (GDI) beta) Rho GDI2 antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ARHGDIB
Alternative Name:	Rho GDP dissociation inhibitor beta (ARHGDIB Products)

Target Details

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). 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]

Cellular Localization: Cytoplasm

Molecular Weight: 23 kDa

Gene ID: 397

UniProt: [P52566](#)

Pathways: [Caspase Cascade in Apoptosis](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: 293T , A431 , H1299 , HeLaS3 , HepG2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

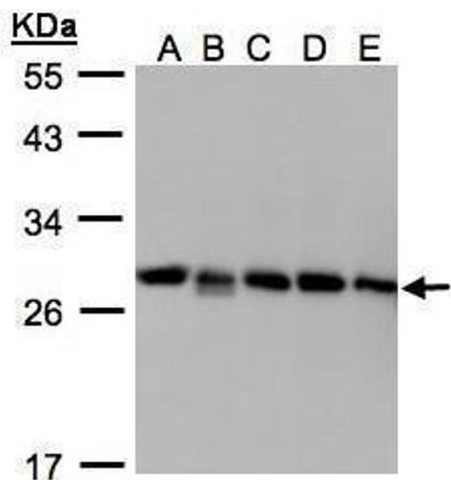
Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample(30µg whole cell lysate) A: 293T
B: A431 , C: H1299 D: HeLa S3 , E: Hep G2 , 12% SDS PAGE
antibody diluted at 1:1000