

## ARG65304 anti-ARHGDIB antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ARHGDIB
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ARHGDIB
Species	Human
Immunogen	TEKAPEPHVE-C
Conjugation	Un-conjugated
Alternate Names	RhoGDI2; Rho-GDI beta; RAP1GN1; Rho GDP-dissociation inhibitor 2; GDID4; LYGDI; Ly-GDI; Rho GDI 2; D4; GDIA2

### Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

**Application Note**  
WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

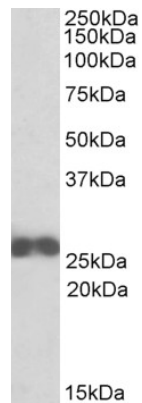
Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 397 Human</a> <a href="#">Swiss-port # P52566 Human</a>
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, Dec 2010]
Research Area	Signaling Transduction antibody
Calculated Mw	23 kDa

## Images



ARG65304 anti-ARHGDIB antibody WB image

Western Blot: Jurkat lysate (35 µg protein in RIPA buffer) stained with ARG65304 anti-ARHGDIB antibody at 0.1 µg/ml dilution.