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ARHGDIB Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14705

Product Information

Application	WB
Primary Accession	P52566
Other Accession	NM_001175, NP_001166
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22988

Additional Information

Gene ID	397
Alias Symbol	D4, GDIA2, GDID4, LYGDI, Ly-GDI, RAP1GN1, RhoGDI2
Other Names	Rho GDP-dissociation inhibitor 2, Rho GDI 2, Ly-GDI, Rho-GDI beta, ARHGDIB, GDIA2, GDID4, RAP1GN1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ARHGDIB antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ARHGDIB Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ARHGDIB
Synonyms	GDIA2, GDID4, RAP1GN1
Function	Regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them (PubMed:7512369, PubMed:8356058). Regulates reorganization of the actin cytoskeleton mediated by Rho family members (PubMed:8262133).
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Detected in bone marrow, thymus and spleen.

References

Scherle P.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:7568-7572(1993).
Leffers H.,et al.Exp. Cell Res. 209:165-174(1993).
Lelias J.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:1479-1483(1993).
Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Goshima N.,et al.Nat. Methods 5:1011-1017(2008).

Images



Host: Rabbit
Target Name: ARHGDIB
Sample Tissue: 721_B Whole cell lysate
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Antibody Dilution: 1.0µg/mlARHGDIB is supported by
BioGPS gene expression data to be expressed in 721_B

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.