

**ARHGDIB Antibody (N-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3280a****Specification**

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**ARHGDIB Antibody (N-Term) - Product Information**

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Application       | WB, E                                             |
| Primary Accession | <a href="#">P52566</a>                            |
| Other Accession   | <a href="#">NP_001166.3</a> , <a href="#">397</a> |
| Reactivity        | Human                                             |
| Predicted         | Pig, Dog                                          |
| Host              | Goat                                              |
| Clonality         | Polyclonal                                        |
| Concentration     | 0.5 mg/ml                                         |
| Isotype           | IgG                                               |
| Calculated MW     | 22988                                             |

**ARHGDIB Antibody (N-Term) - Additional Information****Gene ID** 397**Other Names**

Rho GDP-dissociation inhibitor 2, Rho GDI 2, Ly-GDI, Rho-GDI beta, ARHGDIB, GDIA2, GDID4, RAP1GN1

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ARHGDIB Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ARHGDIB Antibody (N-Term) - 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:<a href="http://www.uniprot.org/citations/7512369" target="\_blank">7512369</a>, PubMed:<a href="http://www.uniprot.org/citations/8356058" target="\_blank">8356058</a>). Regulates reorganization of the actin cytoskeleton mediated by Rho family members (PubMed:<a href="http://www.uniprot.org/citations/8262133" target="\_blank">8262133</a>).

**Cellular Location**

Cytoplasm, cytosol.

**Tissue Location**

Detected in bone marrow, thymus and spleen.

**ARHGDIB Antibody (N-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ARHGDIB Antibody (N-Term) - Images**

AF3280a (0.1 µg/ml) staining of Jurkat lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**ARHGDIB Antibody (N-Term) - References**

Genetic susceptibility to distinct bladder cancer subphenotypes. Guey LT, García-Closas M, Murta-Nascimento C, Lloreta J, Palencia L, Kogevinas M, Rothman N, Vellalta G, Calle ML, Marenne G, Tardón A, Carrato A, García-Closas R, Serra C, Silverman DT, Chanock S, Real FX, Malats N; EPICURO/Spanish Bladder Cancer Study i European urology 2010 Feb 57 (2): 283-92. PMID:

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