

ARHGDIG Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3282a**Specification**

ARHGDIG Antibody (C-Term) - Product Information

Application	WB, E
Primary Accession	Q99819
Other Accession	NP_001167.2 , 398 , 14570 (mouse) , 360500 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	25098

ARHGDIG Antibody (C-Term) - Additional Information**Gene ID** 398**Other Names**

Rho GDP-dissociation inhibitor 3, Rho GDI 3, Rho-GDI gamma, ARHGDIG

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

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

ARHGDIG Antibody (C-Term) - Protein Information**Name** ARHGDIG**Function**

Inhibits GDP/GTP exchange reaction of RhoB. Interacts specifically with the GDP- and GTP-bound forms of post-translationally processed RhoB and Rhog proteins, both of which show a

growth-regulated expression in mammalian cells. Stimulates the release of the GDP-bound but not the GTP-bound RhoB protein. Also inhibits the GDP/GTP exchange of RhoB but shows less ability to inhibit the dissociation of prebound GTP.

Cellular Location

Cytoplasm.

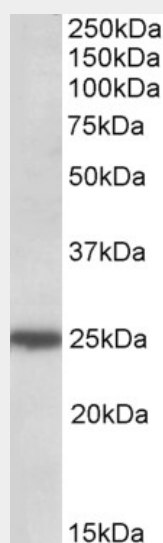
Tissue Location

Primarily expressed in pancreas and brain.

ARHGDIG Antibody (C-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](#)

ARHGDIG Antibody (C-Term) - Images

AF3282a (0.5 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ARHGDIG Antibody (C-Term) - References

Application of gene network analysis techniques identifies AXIN1/PDIA2 and endoglin haplotypes associated with bicuspid aortic valve. Wooten EC, Iyer LK, Montefusco MC, Hedgepeth AK, Payne DD, Kapur NK, Housman DE, Mendelsohn ME, Huggins GS, PloS one 2010 5 (1): e8830. PMID: 20098615