

ARHGDIG / RHOGDI-3 Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS15383**Specification**

ARHGDIG / RHOGDI-3 Antibody (C-Terminus) - Product Information

Application	WB, IHC
Primary Accession	Q99819
Reactivity	Human, Monkey, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	25kDa KDa

ARHGDIG / RHOGDI-3 Antibody (C-Terminus) - Additional Information**Gene ID** 398**Other Names**

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

Target/Specificity

Human ARHGDIG.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

ARHGDIG / RHOGDI-3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ARHGDIG / RHOGDI-3 Antibody (C-Terminus) - 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 / RHOGDI-3 Antibody (C-Terminus) - Protocols

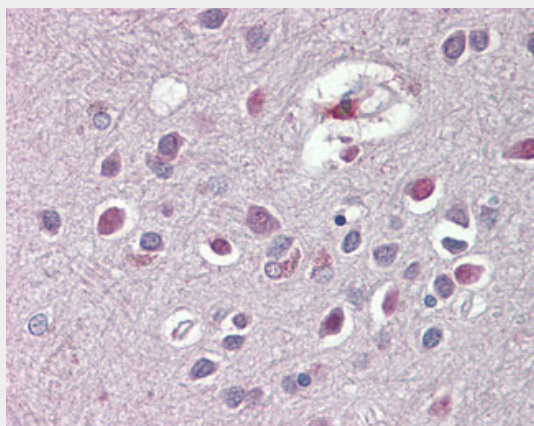
Provided below are standard protocols that you may find useful for product applications.

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

ARHGDIG / RHOGDI-3 Antibody (C-Terminus) - Images



ARHGDIG antibody (0.5 ug/ml) staining of HeLa lysate (35 ug protein/ml in RIPA buffer).



Anti-ARHGDIG / RHOGDI-3 antibody IHC of human brain, cortex.

ARHGDIG / RHOGDI-3 Antibody (C-Terminus) - Background

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.

ARHGDIG / RHOGDI-3 Antibody (C-Terminus) - References

Adra C.N.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:4279-4284(1997).
Adra C.N.,et al.Genomics 53:104-109(1998).
Hayashi A.,et al.Submitted (NOV-2003) to the EMBL/GenBank/DDBJ databases.
Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Daniels R.J.,et al.Hum. Mol. Genet. 10:339-352(2001).