

PLEKHG2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14431

Specification

PLEKHG2 antibody - middle region - Product Information

Application	WB
Primary Accession	O9H7P9
Other Accession	NM_022835 , NP_073746
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	144kDa KDa

PLEKHG2 antibody - middle region - Additional Information

Gene ID 64857

Alias Symbol CLG, DKFZp667J2325, FLJ00018, FLJ22458, FLJ38638, ARHGEF42

Other Names

Pleckstrin homology domain-containing family G member 2, PH domain-containing family G member 2, PLEKHG2

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-PLEKHG2 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

PLEKHG2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

PLEKHG2 antibody - middle region - Protein Information

Name PLEKHG2

Function

May be a transforming oncogene with exchange activity for CDC42 (By similarity). May be a guanine-nucleotide exchange factor (GEF) for RAC1 and CDC42. Activated by the binding to subunits beta and gamma of the heterotrimeric guanine nucleotide-binding protein (G protein) (PubMed:18045877). Involved in the regulation of actin polymerization (PubMed:26573021).

PLEKHG2 antibody - middle region - 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](#)

PLEKHG2 antibody - middle region - Images



WB Suggested Anti-PLEKHG2 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Heart

PLEKHG2 antibody - middle region - References

- Ota T., et al. Nat. Genet. 36:40-45(2004).
Grimwood J., et al. Nature 428:529-535(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Ueda H., et al. J. Biol. Chem. 283:1946-1953(2008).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).