

ARL13B antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13455**Specification**

ARL13B antibody - middle region - Product Information

Application	WB
Primary Accession	Q3SXY8
Other Accession	NM_144996 , NP_659433
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Yeast, Bovine, Dog
Predicted Host	Human, Horse, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 37 KDa

ARL13B antibody - middle region - Additional Information**Gene ID** 200894**Alias Symbol** ARL2L1, DKFZp686E2075, DKFZp686L2472, DKFZp686M2074, DKFZp761H079, MGC120611, MGC120612, JBTS8**Other Names**

ADP-ribosylation factor-like protein 13B, ADP-ribosylation factor-like protein 2-like 1, ARL2-like protein 1, ARL13B, ARL2L1

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-ARL13B 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

ARL13B antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

ARL13B antibody - middle region - Protein Information**Name** ARL13B**Synonyms** ARL2L1**Function**

Cilium-specific protein required to control the microtubule- based, ciliary axoneme structure. May act by maintaining the association between IFT subcomplexes A and B. Binds GTP but is not able to hydrolyze it; the GTPase activity remains unclear. Required to pattern the neural tube. Involved

in cerebral cortex development: required for the initial formation of a polarized radial glial scaffold, the first step in the construction of the cerebral cortex, by regulating ciliary signaling. Regulates the migration and placement of postmitotic interneurons in the developing cerebral cortex. May regulate endocytic recycling traffic; however, additional evidence is required to confirm these data.

Cellular Location

Cell projection, cilium membrane; Lipid- anchor. Cell projection, cilium. Note=Associates to the cilium membrane via palmitoylation. Localizes to proximal ciliary membranes, to an inversin-like subciliary membrane compartment, excluding the transition zone

Tissue Location

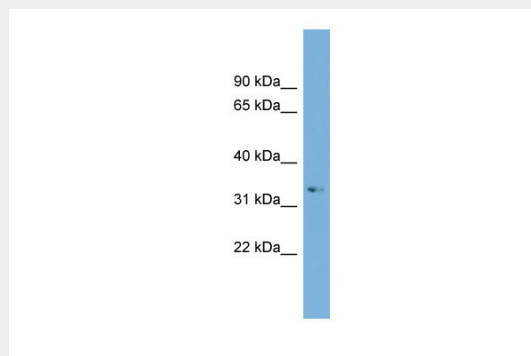
Expressed in the developing brain.

ARL13B 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](#)

ARL13B antibody - middle region - Images



WB Suggested Anti-ARL13B Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate

ARL13B antibody - middle region - References

Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Fan Y.,et al.Nat. Genet. 36:989-993(2004).
Hori Y.,et al.Biochem. Biophys. Res. Commun. 373:119-124(2008).