

TBC1D24 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI14118**Specification**

TBC1D24 antibody - middle region - Product Information

Application	WB
Primary Accession	O9ULP9
Other Accession	NM_020705 , NP_065756
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Rat, Rabbit, Chicken, Horse, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62kDa kDa

TBC1D24 antibody - middle region - Additional Information**Gene ID** 57465**Alias Symbol** KIAA1171, MGC102885, FIME
Other Names
TBC1 domain family member 24, TBC1D24, KIAA1171**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-TBC1D24 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

TBC1D24 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

TBC1D24 antibody - middle region - Protein Information**Name** TBC1D24**Synonyms** KIAA1171**Function**

May act as a GTPase-activating protein for Rab family protein(s) (PubMed:20727515, PubMed:20797691). Involved in neuronal projections development, probably through a negative modulation of ARF6 function (PubMed:20727515).

Involved in the regulation of synaptic vesicle trafficking (PubMed:31257402).

Cellular Location

Cell membrane; Peripheral membrane protein. Cytoplasm. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q9VIH7}. Presynapse. Note=Mainly cytoplasmatic with partial expression at the plasma membrane (PubMed:20727515). Associates with certain types of membrane phosphoinositides, preferentially those phosphorylated at the D5 position of the inositol ring such as phosphatidylinositol 4,5-bisphosphate (PIP2) and phosphatidylinositol 3,4,5-trisphosphate (PIP3) (By similarity) {ECO:0000250|UniProtKB:Q9VIH7, ECO:0000269|PubMed:20727515}

Tissue Location

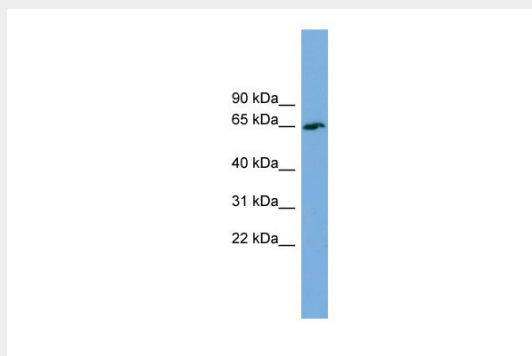
Highest expression in brain.

TBC1D24 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](#)

TBC1D24 antibody - middle region - Images



WB Suggested Anti-TBC1D24 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human kidney

TBC1D24 antibody - middle region - References

Hirosawa M., et al. DNA Res. 6:329-336(1999).
Nakajima D., et al. DNA Res. 9:99-106(2002).
Ishibashi K., et al. Genes Cells 14:41-52(2009).
Falace A., et al. Am. J. Hum. Genet. 87:365-370(2010).
Corbett M.A., et al. Am. J. Hum. Genet. 87:371-375(2010).