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TBC1D20 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14857

Product Information

Application	WB
Primary Accession	Q96BZ9
Other Accession	NM_144628, NP_653229
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45855

Additional Information

Gene ID	128637
Alias Symbol	C20orf140, FLJ45119
Other Names	TBC1 domain family member 20, TBC1D20, C20orf140
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-TBC1D20 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	TBC1D20 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

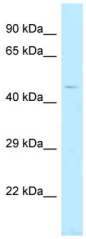
Protein Information

Name	TBC1D20 (HGNC:16133)
Synonyms	C20orf140
Function	GTPase-activating protein (GAP) specific for Rab1 and Rab2 small GTPase families for which it can accelerate the intrinsic GTP hydrolysis rate by more than five orders of magnitude (PubMed:23236136). Also shows GAP activity for RAB18 GTPase (PubMed:26063829). Promotes RAB18 dissociation from the endoplasmic reticulum (ER) membrane into the cytosol, probably through stimulating RAB18 GTP-hydrolysis (PubMed:26063829). Involved in maintaining endoplasmic reticulum structure (PubMed:24891604).
Cellular Location	Membrane; Multi-pass membrane protein

References

Ishibashi K.,et al.Genes Cells 14:41-52(2009).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 414:865-871(2001).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Sklan E.H.,et al.J. Virol. 81:11096-11105(2007).

Images



WB Suggested Anti-TBC1D20 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.