

TBC1D25 Antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13936

Product Information

Application	WB
Primary Accession	Q3MII6
Other Accession	NM_002536 , NP_002527
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76327

Additional Information

Gene ID	4943
Alias Symbol	TBC1D25
Other Names	TBC1 domain family member 25, TBC1D25, OATL1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 µl of distilled water. Final Anti-TBC1D25 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	TBC1D25 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

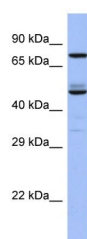
Protein Information

Name	TBC1D25
Synonyms	OATL1
Function	Acts as a GTPase-activating protein specific for RAB33B. Involved in the regulation of autophagosome maturation, the process in which autophagosomes fuse with endosomes and lysosomes.
Cellular Location	Cytoplasm. Cytoplasmic vesicle, autophagosome Note=It is dispersed in the cytoplasm under nutrient-rich conditions Localizes at autophagosomes under cell starving conditions

References

Ross M.T.,et al.Nature 434:325-337(2005).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).
Olsen J.V.,et al.Sci. Signal. 3:RA3-RA3(2010).
Itoh T.,et al.J. Cell Biol. 192:839-853(2011).

Images



Host: Rabbit
Target Name: TBC1D25
Sample Tissue: Fetal Small Intestine lysates
Antibody Dilution: 1.0µg/ml

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