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TBC1D25 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13936

Specification

TBC1D25 Antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q3MII6
Other Accession	NM_002536, NP_002527
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**75kDa KDa**

TBC1D25 Antibody - C-terminal region - 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 &mu, l 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.

TBC1D25 Antibody - C-terminal region - 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.

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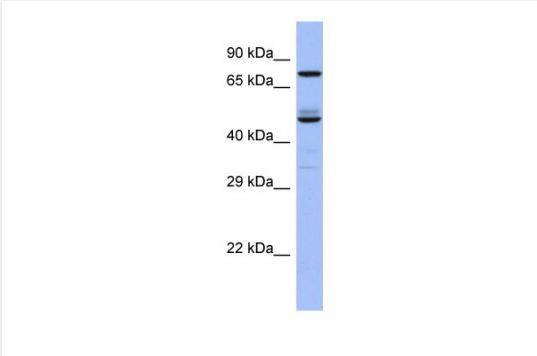
Cellular Location
Cytoplasm. Cytoplasmic vesicle, autophagosome Note=It is dispersed in the cytoplasm under nutrient-rich conditions Localizes at autophagosomes under cell starving conditions

TBC1D25 Antibody - C-terminal 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 Cytomety
- Cell Culture

TBC1D25 Antibody - C-terminal region - Images



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

TBC1D25 Antibody - C-terminal region - 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).