

TMEM30B Antibody (aa91-140)
Rabbit Polyclonal Antibody
Catalog # ALS16726**Specification**

TMEM30B Antibody (aa91-140) - Product Information

Application	IHC, WB
Primary Accession	Q3MIR4
Other Accession	161291
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38941

TMEM30B Antibody (aa91-140) - Additional Information**Gene ID** 161291**Other Names**

TMEM30B, CDC50B, Cell cycle control protein 50B, Transmembrane protein 30B

Target/Specificity

TMEM30B Antibody detects endogenous levels of total TMEM30B protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

TMEM30B Antibody (aa91-140) is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM30B Antibody (aa91-140) - Protein Information**Name** TMEM30B**Synonyms** CDC50B**Function**

Accessory component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules. The beta subunit may assist in binding of the phospholipid substrate (Probable). Can mediate the export of alpha subunits ATP8A1, ATP8B1, ATP8B2 and ATP8B4 from the ER to the plasma membrane.

Cellular Location

Cell membrane; Multi-pass membrane protein

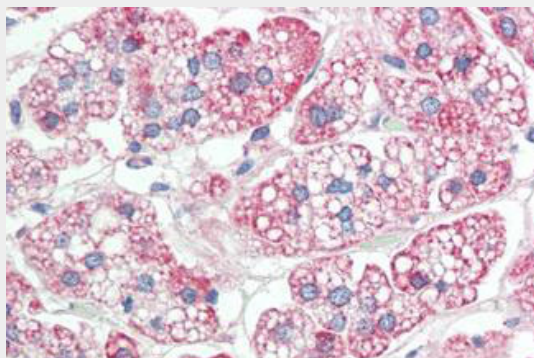
Volume

50 µl

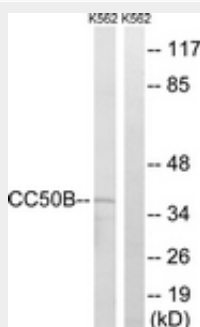
TMEM30B Antibody (aa91-140) - Protocols

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](#)

TMEM30B Antibody (aa91-140) - Images

Anti-TMEM30B antibody IHC staining of human adrenal.



Western blot of extracts from K562 cells, using TMEM30B Antibody.

TMEM30B Antibody (aa91-140) - Background

Accessory component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules. The beta subunit may assist in binding of the phospholipid substrate (Probable). Can

mediate the export of alpha subunits ATP8A1, ATP8B1, ATP8B2 and ATP8B4 from the ER to the plasma membrane.

TMEM30B Antibody (aa91-140) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Katoh Y.,et al.Oncol. Rep. 12:939-943(2004).

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