

Cdc50B Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01598
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TMEM30B. AA range:91-140
Mol wt	38941
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Cdc50B Antibody
Synonyms	TMEM30B; CDC50B; Cell cycle control protein 50B; Transmembrane protein 30B

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

TMEM30B (Transmembrane Protein 30B) is a Protein Coding gene. An important paralog of this gene is TMEM30C. ccessory 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.

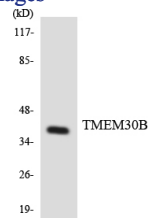
Recommended Dilution

WB: 1: 500 - 1: 2000

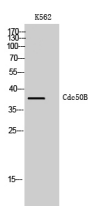
ELISA: 1: 40000

Not yet tested in other applications.

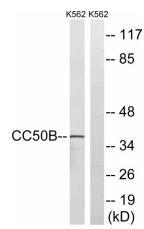
Images



Western blot analysis of the lysates from HeLa cells using TMEM30B antibody.



Western Blot analysis of K562 cells using Cdc50B Polyclonal Antibody



Western blot analysis of lysates from K562 cells, using TMEM30B Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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