

Anti-Transmembrane protein 135 TMEM135 Antibody

Catalog Number: A14036

About TMEM135

The transmembrane protein 135 (TMEM135), also known as peroxisomal membrane protein 52 (PMP52), was initially identified as a protein that might be critical for adipogenesis and osteoblastogenesis. Further studies have indicated that TMEM135 may be part of a regulatory circuit that plays an important role in fat metabolism and energy expenditure in both *C. elegans* as well as mammalian organisms. Finally, recent experiments has suggested that TMEM135 may be an additional driver of breast cancer.

Overview

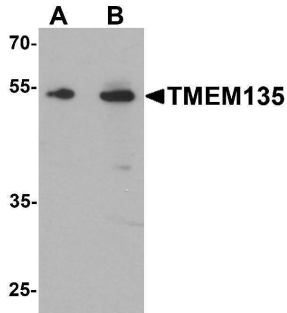
Product Name	Anti-Transmembrane protein 135 TMEM135 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Transmembrane protein 135 TMEM135 Antibody (Catalog # A14036). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TMEM135 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	TMEM135 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q86UB9

Technical Details

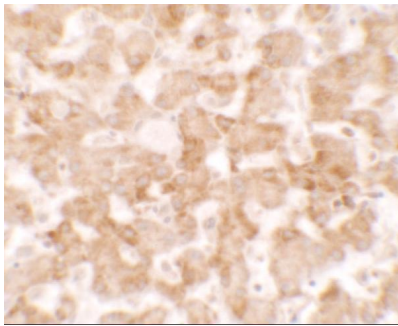
Immunogen	TMEM135 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human TMEM135 . The immunogen is located within the last 50 amino acids of TMEM135.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of TMEM135 are known to exist; this antibody will detect both isoforms.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TMEM135 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TMEM135 Antibody can be used for detection of TMEM135 by Western blot starting at 1 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples and

Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

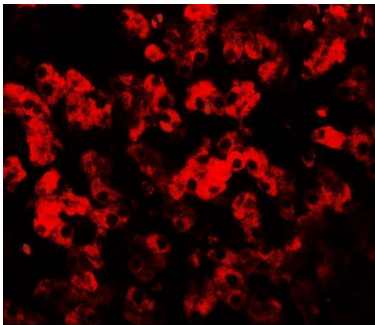
Anti-Transmembrane protein 135 TMEM135 Antibody (A14036) Images



Western blot analysis of TMEM135 in rat liver tissue lysate with TMEM135 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of TMEM135 in human liver tissue with TMEM135 antibody at 2.5 ug/ml.



Immunofluorescence of TMEM135 in human liver tissue with TMEM135 antibody at 20 ug/ml.

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