BOSTER BIOLOGICAL TECHNOLOGY
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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.

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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 ≤0.09% sodium azide.
Storage Instructions	TMEM135 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q86UB9

Technical Details

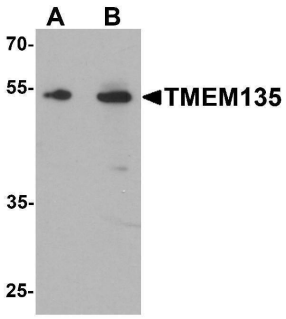
Immunogen	TMEM135 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human TMEM135 . The immunogen is located within the last 50 amino acids of TMEM135.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of TMEM135 are known to exist; this antibody will detect both isoforms.
Isotype	IgG

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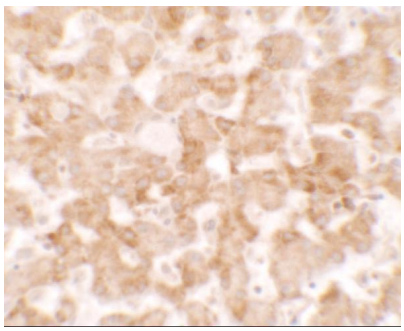
Form	Liquid
Concentration	1 mg/mL
Purification	TMEM135 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TMEM135 Antibody can be used for detection of TMEM135 by Western blot starting at 1 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry 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.

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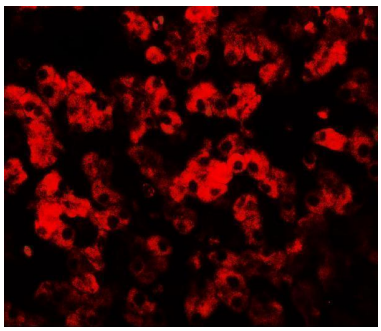
Anti-Transmembrane protein 135 TMEM135 Antibody (A14036) Images



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.

Anti-Transmembrane protein 135 TMEM135 Antibody

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