BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Transmembrane protein 204 TMEM204 Antibody

Catalog Number: A13438

About TMEM204

Transmembrane protein 204 (TMEM204) is a four-transmembrane protein that is induced under hypoxic conditions. It localizes to cell-cell junctions and co-localizes with the beta-catenin adherens junction-associated protein, but not with tight junctions. Overexpression of TMEM204 results in decreased adhesion between cells, indicating that TMEM204 is an adherens junction protein that modulates cell adhesion and potentially angiogenesis. Recent evidence suggests TMEM204 may also be involved in epilepsy.

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Overview

Product Name	Anti-Transmembrane protein 204 TMEM204 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Transmembrane protein 204 TMEM204 Antibody (Catalog # A13438). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	TMEM204 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TMEM204 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9BSN7

Technical Details

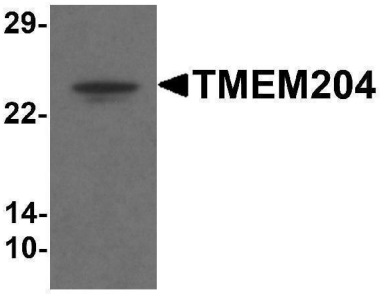
Immunogen	TMEM204 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human TMEM204. The immunogen is located within the last 50 amino acids of TMEM204.
Predicted Reactive Species	Bovine
Cross Reactivity	At least two isoforms of TMEM204 are known to exist; this antibody will recognize both isoforms.

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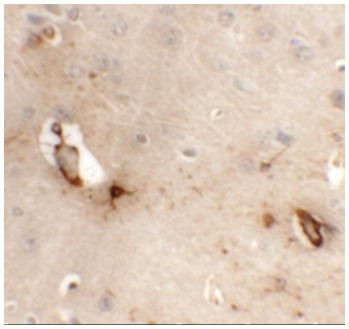
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TMEM204 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TMEM204 antibody can be used for detection of TMEM204 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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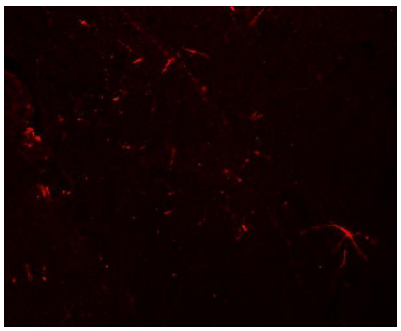
Anti-Transmembrane protein 204 TMEM204 Antibody (A13438) Images



Western blot analysis of TMEM204 in human brain tissue lysate with TMEM204 antibody at 1 ug/mL .



Immunohistochemistry of TMEM204 in mouse brain tissue with TMEM204 antibody at 5 ug/mL.



Immunofluorescence of TMEM204 in mouse brain tissue with TMEM204 antibody at 20 ug/mL.

Anti-Transmembrane protein 204 TMEM204 Antibody

For Research Use Only. Not for use in diagnostic procedures.