

Anti-Transmembrane protein 214 TMEM214 Antibody

Catalog Number: A13159

About TMEM214

Transmembrane protein 214 (TMEM214) is a 77kD membrane protein which is widely expressed at high level. The gene encoding this protein maps to chromosome 2, at 2p23.3 TMEM214 interacts with LSM1, an SM-like protein, forming a stable heteromer present in tri-snRNP particles, which are important for pre-mRNA splicing. The detailed function of TMEM214 is still unknown, but a recent study showed that TMEM214 may be used to explore the contribution of human host factors of some infectious diseases such as Dengue fever, West Nile fever and yellow fever. Multiple isoforms of TMEM214 are known to exist.

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Overview

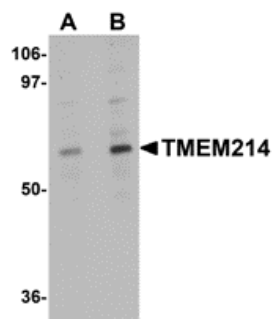
Product Name	Anti-Transmembrane protein 214 TMEM214 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Transmembrane protein 214 TMEM214 Antibody (Catalog # A13159). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	TMEM214 Antibody is supplied in PBS containing $\leq 0.09\%$ sodium azide.
Storage Instructions	TMEM214 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	Q6NUQ4

Technical Details

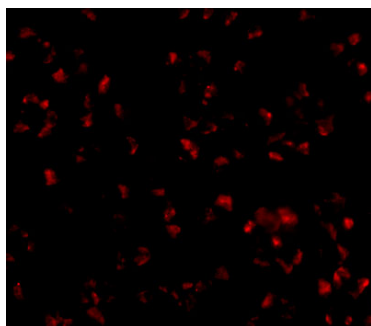
Immunogen	TMEM214 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human TMEM214. The immunogen is located within amino acids 70 - 120 of TMEM214.
Predicted Reactive Species	Bovine
Isotype	IgG

Form	Liquid
Concentration	1 mg/mL
Purification	TMEM214 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TMEM214 antibody can be used for detection of TMEM214 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in mouse samples; Immunocytochemistry 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.

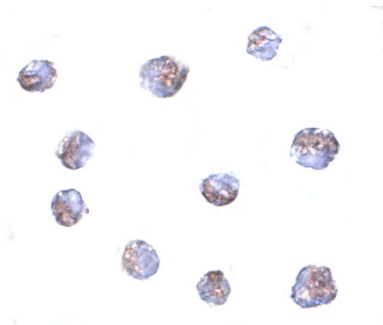
Anti-Transmembrane protein 214 TMEM214 Antibody (A13159) Images



Western blot analysis of TMEM214 in A20 cell lysate with TMEM214 antibody at (A) 1 and (B) 2 ug/mL.



Immunofluorescence of TMEM214 in A20 cells with TMEM214 antibody at 20 ug/mL.



Immunocytochemistry of TMEM214 in A20 cells with TMEM214 antibody at 5 ug/mL.

[Anti-Transmembrane protein 214 TMEM214 Antibody](#)

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