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Datasheet for 600-401-FJ5

TMEM214 Antibody

Overview

Description:	Anti-TMEM214 (RABBIT) Antibody - 600-401-FJ5
Item No.:	600-401-FJ5
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	TMEM214 Antibody, Transmembrane protein 214
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TMEM214
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-TMEM214 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the internal region of human TMEM214.

Purity/Specificity:	Anti-TMEM214 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with TMEM214 from other sources has not been determined.
Relevant Links:	• UniProtKB - Q6NUQ4 • GeneID - 54867 • NCBI - NP_001077059.1

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-TMEM214 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 77 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
WB:	1-2 µg/mL

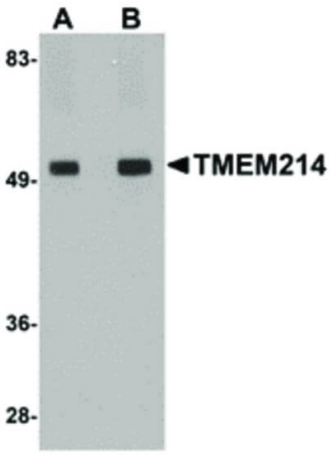
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot
Western Blot of TMEM214 antibody. Lane 1: rat brain tissue lysate with TMEM214 antibody at 1 µg/mL. Lane 2: rat brain tissue lysate with TMEM214 antibody at 2 µg/mL. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 77 kDa, 50 kDa for TMEM214. Other band(s): TMEM214 splice variants and isoforms.

Disclaimer

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