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Datasheet for 600-401-FK1

TMEM88 Antibody

Overview

Description:	Anti-TMEM88 (RABBIT) Antibody - 600-401-FK1
Item No.:	600-401-FK1
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	Transmembrane protein 88 (TMEM88) is a two-transmembrane-type protein whose C-terminal tail has been shown to bind the PDZ domain of Disheveled (Dvl), one of the key components in Wnt signaling pathways. TMEM88 attenuated the Wnt/beta-catenin signaling induced by Wnt-1 ligand in a dose-dependent manner and knockdown of TMEM88 by RNAi increased Wnt activity, suggesting that TMEM88 plays a role in regulating Wnt signaling in a context-dependent manner.
Synonyms:	TMEM88 Antibody, TMEM88A, Transmembrane protein 88
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TMEM88
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-TMEM88 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid synthetic peptide near the C-terminus of human TMEM88.

Purity/Specificity:	Anti-TMEM88 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two isoforms of TMEM88 are known to exist; this antibody will recognize both isoforms.
Relevant Links:	• UniProtKB - Q6PEY1 • GeneID - 92162 • NCBI - NP_981956.1

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-TMEM88 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 18 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
IF:	20 µg/mL
IHC:	2.5 µg/mL
WB:	1 µg/mL

Formulation

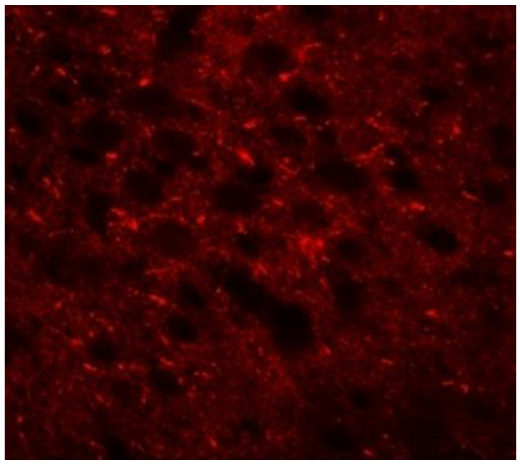
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

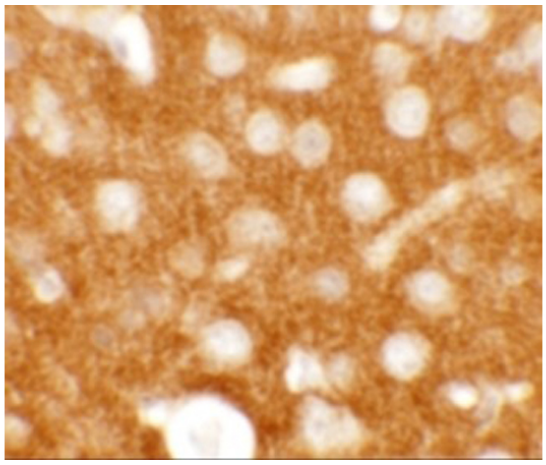
Shipping Condition:	Dry Ice

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.

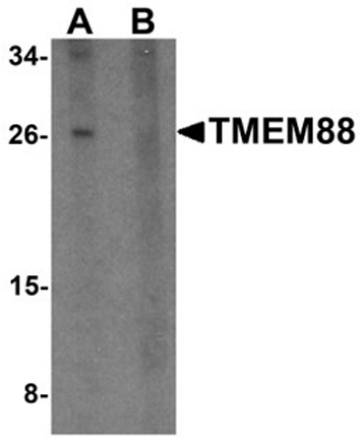
Images



Immunofluorescence Microscopy
Immunofluorescence of TMEM88. Tissue: mouse brain tissue. Primary Antibody: TMEM88 antibody at 20 µg/mL.



Immunohistochemistry
Immunohistochemistry of TMEM88. Tissue: mouse brain tissue. Primary Antibody: TMEM88 antibody at 2.5 µg/mL.



Western Blot
Western blot analysis of TMEM88. Load: human brain tissue lysate. Primary Antibody: TMEM88 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.

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