

Datasheet for 600-401-FH5**TMEM147 Antibody****Overview**

Description:	Anti-TMEM147 (RABBIT) Antibody - 600-401-FH5
Item No.:	600-401-FH5
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	TMEM147 is a recently identified protein that associates with Nicalin and NOMO, forming a complex that is thought to be similar to the gamma-secretase complex. TMEM147 localizes to the endoplasmic reticulum (ER), and in zebrafish, is expressed during early development. TMEM147 also interacts with the M3 muscarinic receptor (M3R) in the ER and is thought to negatively its expression and function.
Synonyms:	TMEM147 Antibody, NIFIE14, Transmembrane protein 147, Protein NIFIE 14
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TMEM147
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-TMEM147 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 13 amino acid synthetic peptide near the internal region of human TMEM147.
Purity/Specificity:	Anti-TMEM147 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with TMEM147 from other sources has not been determined.

Relevant Links:	• UniProtKB - Q9BVK8 • GeneID - 10430 • NCBI - NP_001229526.1
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Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-TMEM147 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 25 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

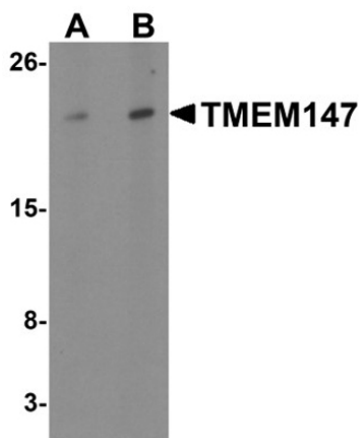
Formulation

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 analysis of TMEM147. Load: Daudi cell lysate.
Primary Antibody: TMEM147 antibody at (A) 1 $\mu\text{g}/\text{mL}$ and (B) 2 $\mu\text{g}/\text{mL}$.

Disclaimer

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