

Datasheet for 600-401-FH9

TMEM184A Antibody**Overview**

Description:	Anti-TMEM184A (RABBIT) Antibody - 600-401-FH9
Item No.:	600-401-FH9
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	TMEM184A, a multi-pass transmembrane protein, belongs to the UPF0206 family. While the exact function of TMEM184A remains unclear, it is known to be expressed at high levels in the developing testis. TMEM184A may mediate sex-specific signaling events during Sertoli cell differentiation. The restricted expression of this gene in Sertoli cells suggests a role for the encoded protein in the development and/or continued function of that cell type. Ectopic expression of TMEM184A in female genital ridges resulted in failure of gonocytes to enter meiosis.
Synonyms:	TMEM184A Antibody, Transmembrane protein 184A
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	TMEM184A
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-TMEM184A antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid synthetic peptide near the C-terminus of human TMEM184A.

Purity/Specificity:	Anti-TMEM184A Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with TMEM184A from other sources has not been determined.
Relevant Links:	• UniProtKB - Q6ZMB5 • GeneID - 202915 • NCBI - NP_001091089.1

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-TMEM184A Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 46 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
IHC:	5 µg/mL
WB:	1 µg/mL

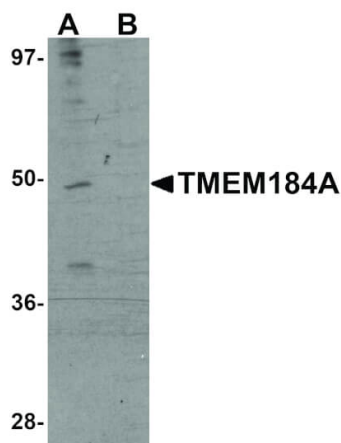
Formulation

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

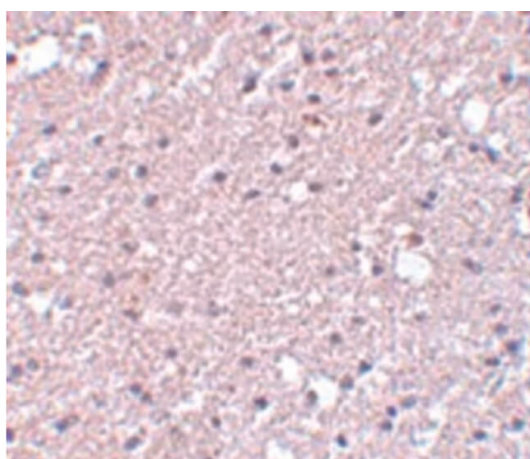
Shipping Condition:	Wet Ice
Storage Condition:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of TMEM184A antibody. Lane 1: rat brain tissue lysate in the absence of blocking peptide. Lane 2: rat brain tissue lysate in the presence of blocking peptide. Primary Antibody: Anti-TMEM184A antibody at 1 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: 46 kDa, 49 kDa for TMEM184A. Other band(s): TMEM184A splice variants and isoforms.



Immunohistochemistry

Immunohistochemistry of TMEM184A antibody. Tissue: Human brain tissue. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: TMEM184A antibody at 5 µg/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: TMEM184A is a membrane protein. Staining: TMEM184A as precipitated purple signal with blue nuclear counterstain.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.