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TMEM184A Antibody
Catalog # ASC11102

Specification

TMEM184A Antibody - Product Information

Application	**IF**
Primary Accession	Q6ZMB5
Other Accession	NP_001091089, 202915
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**TMEM184A antibody can be used for detection of TMEM184A by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.**

TMEM184A Antibody - Additional Information

Gene ID **202915**

Target/Specificity
TMEM184A antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human TMEM184A.

The immunogen is located within the last 50 amino acids of TMEM184A.

Reconstitution & Storage
Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

Precautions
TMEM184A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM184A Antibody - Protein Information

Name TMEM184A

Function
Acts as a heparin receptor in vascular cells (By similarity). May be involved in vesicle transport in exocrine cells and Sertoli cells (By similarity).

Cellular Location
Cell membrane {ECO:0000250|UniProtKB:Q4QQS1}; Multi-pass membrane protein. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q4QQS1}. Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q1RMW2}; Multi-pass membrane protein. Early endosome membrane {ECO:0000250|UniProtKB:Q3UFJ6}; Multi-pass membrane protein. Endosome {ECO:0000250|UniProtKB:Q3UFJ6}. Cytoplasmic vesicle, secretory vesicle membrane {ECO:0000250|UniProtKB:Q3UFJ6}

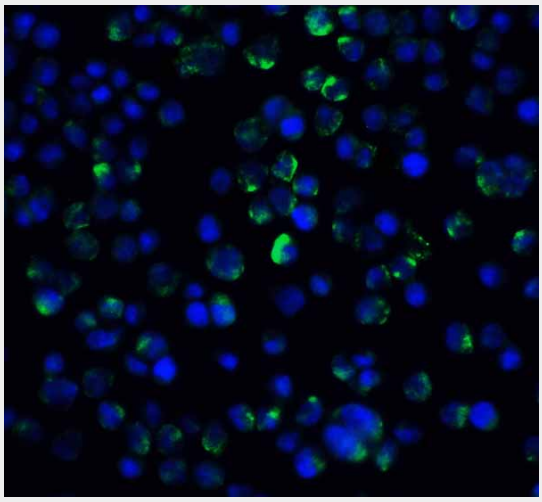
Tissue Location
Expressed in vascular cells (at protein level).

TMEM184A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TMEM184A Antibody - Images



Immunofluorescence of IL-21 Receptor in A431 cells with IL-21 Receptor antibody at 20 µg/ml.

TMEM184A Antibody - Background

TMEM184A Antibody: 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.

TMEM184A Antibody - References

Svingen T, Beverdam A, Bernard P, et al. Sex-specific expression of a novel gene Tmem184a during mouse testis differentiation. Reproduction2007; 133:983-9.
Svingen T, Wilhelm D, Combes AN, et al. Ex vivo magnetofection: a novel strategy for the study of gene function in mouse organogenesis. Dev Dyn.2009; 238:956-64.