

**TMM18 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12931c****Specification**

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**TMM18 Antibody (Center) - Product Information**

|                   |                                                                               |
|-------------------|-------------------------------------------------------------------------------|
| Application       | WB, IHC-P,E                                                                   |
| Primary Accession | <a href="#">Q96B42</a>                                                        |
| Other Accession   | <a href="#">Q3TUD9</a> , <a href="#">Q5F410</a> , <a href="#">NP_690047.2</a> |
| Reactivity        | Mouse                                                                         |
| Predicted         | Chicken                                                                       |
| Host              | Rabbit                                                                        |
| Clonality         | Polyclonal                                                                    |
| Isotype           | Rabbit IgG                                                                    |
| Calculated MW     | 16265                                                                         |
| Antigen Region    | 63-90                                                                         |

**TMM18 Antibody (Center) - Additional Information****Gene ID** 129787**Other Names**

Transmembrane protein 18, TMEM18

**Target/Specificity**

This TMM18 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-90 amino acids from the Central region of human TMM18.

**Dilution**

WB~~1:1000

IHC-P~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TMM18 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**TMM18 Antibody (Center) - Protein Information****Name** TMEM18

**Function** Transcription repressor. Sequence-specific ssDNA and dsDNA binding protein, with preference for GCT end CTG repeats. Cell migration modulator which enhances the glioma-specific migration ability of neural stem cells (NSC) and neural precursor cells (NPC).

**Cellular Location**

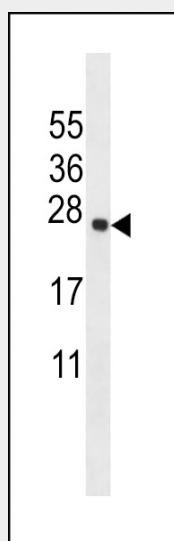
Cytoplasm. Nucleus membrane; Multi-pass membrane protein

**TMM18 Antibody (Center) - Protocols**

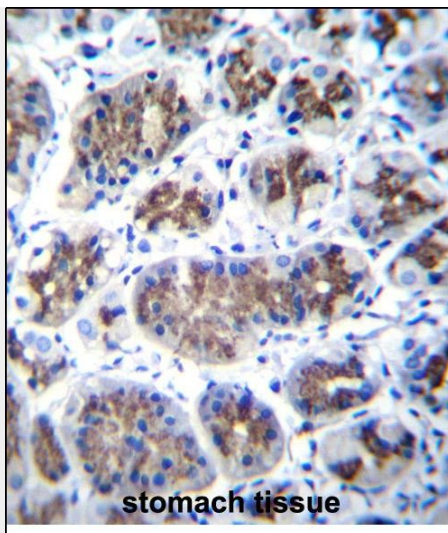
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TMM18 Antibody (Center) - Images**



TMM18 Antibody (Center) (Cat. #AP12931c) western blot analysis in mouse testis tissue lysates (35ug/lane). This demonstrates the TMM18 antibody detected the TMM18 protein (arrow).



TMM18 Antibody (Center) (Cat. #AP12931c) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TMM18 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **TMM18 Antibody (Center) - Background**

TMM18 is a cell migration modulator which enhances the glioma-specific migration ability of neural stem cells (NSC) and neural precursor cells (NPC).

#### **TMM18 Antibody (Center) - References**

Fontaine-Bisson, B., et al. Diabetologia 53(10):2155-2162(2010)  
Holzapfel, C., et al. Int J Obes (Lond) 34(10):1538-1545(2010)  
Holzapfel, C., et al. J Epidemiol Community Health (2010) In press :  
Elks, C.E., et al. PLoS Med. 7 (5), E1000284 (2010) :  
Scherag, A., et al. PLoS Genet. 6 (4), E1000916 (2010) :