

TMEM106A Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS15610**Specification**

TMEM106A Antibody (N-Terminus) - Product Information

Application	IF, WB
Primary Accession	Q96A25
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29kDa KDa

TMEM106A Antibody (N-Terminus) - Additional Information**Gene ID** 113277**Other Names**

Transmembrane protein 106A, TMEM106A

Target/Specificity

Human TMEM106A.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

TMEM106A Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM106A Antibody (N-Terminus) - Protein Information**Name** TMEM106A**Function**

Activates macrophages and polarizes them into M1-like macrophages through the activation of the MAPK and NF-kappaB signaling pathway. Upon activation, up-regulates the expression of CD80, CD86, CD69 and MHC II on macrophages, and induces the release of pro- inflammatory cytokines such as TNF, IL1B, IL6, CCL2 and nitric oxide (By similarity). May play a role in inhibition of proliferation and migration (PubMed:30456879, PubMed:29131025).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q8VC04}; Single-pass membrane protein

Tissue Location

Expressed in renal cells (at protein level) (PubMed:29131025). Expressed in epithelial cells

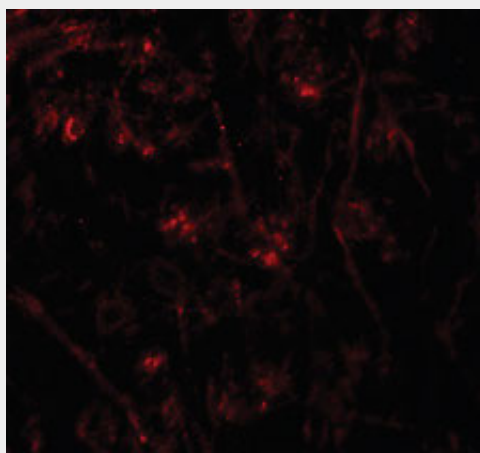
(PubMed:30456879)

TMEM106A Antibody (N-Terminus) - Protocols

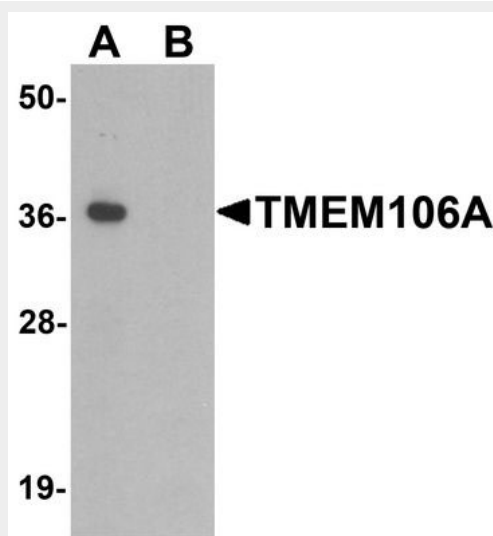
Provided below are standard protocols that you may find useful for product applications.

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

TMEM106A Antibody (N-Terminus) - Images



Immunofluorescence of TMEM106A in mouse brain tissue with TMEM106A antibody at 20 ug/ml.



Western blot analysis of TMEM106A in A-20 cell lysate with TMEM106A antibody at 1 ug/ml in (A)...

TMEM106A Antibody (N-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Zody M.C.,et al.Nature 440:1045-1049(2006).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.