

TMEM203 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13264b

Specification

TMEM203 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O969S6
Other Accession	NP_444273.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	89-117

TMEM203 Antibody (C-term) - Additional Information

Gene ID 94107

Other Names

Transmembrane protein 203, TMEM203

Target/Specificity

This TMEM203 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-117 amino acids from the C-terminal region of human TMEM203.

Dilution

WB~~1:1000

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

TMEM203 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TMEM203 Antibody (C-term) - Protein Information

Name TMEM203

Function Involved in the regulation of cellular calcium homeostasis (PubMed:[25996873](#)). Required for spermatogenesis (PubMed:[25996873](#)). Acts as a regulator of STING-mediated inflammatory signaling in macrophages (PubMed:[31346090](#)). Forms a complex with STING, promoting the

activity of TBK1 kinase and the transcription factor IRF3, leading to activation of type I interferon expression (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi intermediate compartment {ECO:0000250|UniProtKB:Q8R235}. Lysosome membrane {ECO:0000250|UniProtKB:Q8R235}; Multi-pass membrane protein. Note=Co-localizes with STING1 in the lysosome membrane, mediates lysosomal localization of STING1 {ECO:0000250|UniProtKB:Q8R235}

Tissue Location

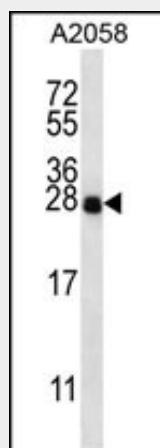
Increased expression seen in T-lymphocytes from patients with systemic lupus erythematosus (SLE)

TMEM203 Antibody (C-term) - 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](#)

TMEM203 Antibody (C-term) - Images



TMEM203 Antibody (C-term) (Cat. #AP13264b) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the TMEM203 antibody detected the TMEM203 protein (arrow).

TMEM203 Antibody (C-term) - Background

The specific function of this protein remains unknown.

TMEM203 Antibody (C-term) - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)