

CMTM4 Polyclonal Antibody
Catalog # AP69169**Specification**

CMTM4 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q8IZR5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

CMTM4 Polyclonal Antibody - Additional Information**Gene ID** 146223**Other Names**

CMTM4; CKLFSF4; CKLF-like MARVEL transmembrane domain-containing protein 4; Chemokine-like factor superfamily member 4

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CMTM4 Polyclonal Antibody - Protein Information**Name** CMTM4 ([HGNC:19175](#))**Synonyms** CKLFSF4**Function**

Acts as a backup for CMTM6 to regulate plasma membrane expression of PD-L1/CD274, an immune inhibitory ligand critical for immune tolerance to self and antitumor immunity. May protect PD- L1/CD274 from being polyubiquitinated and targeted for degradation.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

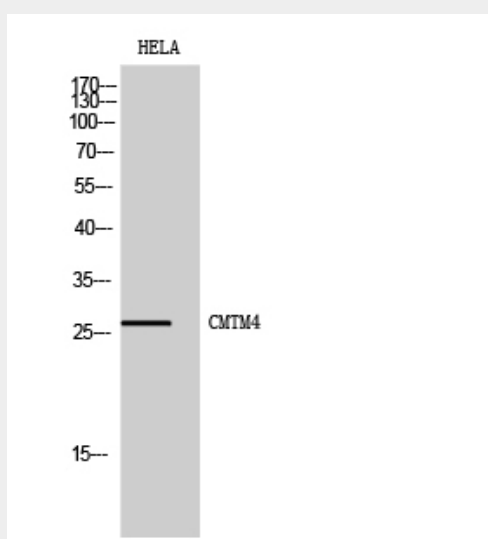
Highly expressed in testis and prostate.

CMTM4 Polyclonal Antibody - Protocols

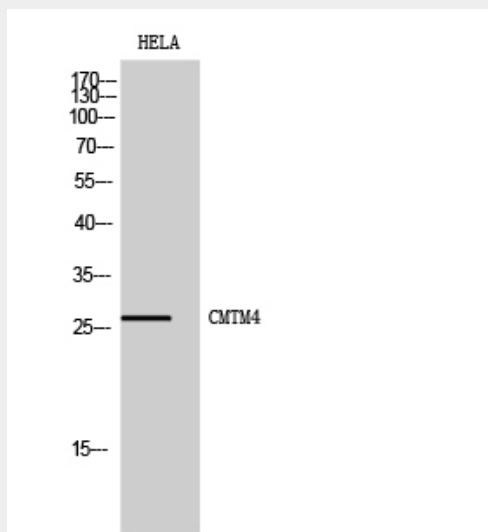
Provided below are standard protocols that you may find useful for product applications.

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

CMTM4 Polyclonal Antibody - Images



Western Blot analysis of HELA cells using CMTM4 Polyclonal Antibody



Western Blot analysis of HELA cells using CMTM4 Polyclonal Antibody

CMTM4 Polyclonal Antibody - Background

Acts as a backup for CMTM6 to regulate plasma membrane expression of PD-L1/CD274, an

immune inhibitory ligand critical for immune tolerance to self and antitumor immunity. May protect PD-L1/CD274 from being polyubiquitinated and targeted for degradation.