

TM4SF19 Polyclonal Antibody
Catalog # AP74471**Specification****TM4SF19 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q96DZ7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

TM4SF19 Polyclonal Antibody - Additional Information**Gene ID** 116211**Other Names**Transmembrane 4 L6 family member 19 (Osteoclast maturation-associated gene 4 protein)
(Tetraspan membrane protein OCTM4)**Dilution**

WB~~WB 1:500-2000, ELISA(peptide)1:5000-20000

Format

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

Storage Conditions

-20°C

TM4SF19 Polyclonal Antibody - Protein Information**Name** TM4SF19**Synonyms** OCTM4**Function**Negatively regulates vacuolar (H⁺)-ATPase (V-ATPase) activity by interacting with members of V-ATPase V0 complex and hence inhibiting V1-V0 complex assembly. Required for multinucleation during osteoclast differentiation.**Cellular Location**

Lysosome membrane {ECO:0000250|UniProtKB:E9Q9H8}; Multi-pass membrane protein. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:E9Q9H8}. Cell projection, filopodium {ECO:0000250|UniProtKB:E9Q9H8}. Note=In osteoclasts, localizes not only to the actin ring, but also to the filopodia, the stretched structures for searching cells to fuse, and the fusopod, the cytoplasmic bridge for contacting other osteoclasts to fuse {ECO:0000250|UniProtKB:E9Q9H8}

Tissue Location

In adipose tissue, expressed by macrophages.

TM4SF19 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](#)

TM4SF19 Polyclonal Antibody - Images

