

TM4SF19 Polyclonal Antibody

Catalog # AP74471

Product Information

Application	WB, E
Primary Accession	Q96DZ7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22433

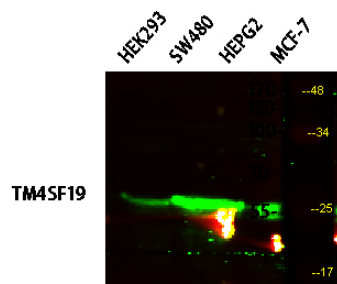
Additional Information

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 E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

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.

Images



Western blot analysis of various lysates, primary antibody was diluted at 1:1000, 4° over night, secondary antibody(cat : RS23920)was diluted at 1:10000, 37° 1hour.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.