

CMTM4 Polyclonal antibody

Catalog Number: 26559-1-AP

Basic Information

Catalog Number:

26559-1-AP

Size:

850 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23648

GenBank Accession Number:

BC093679

GeneID (NCBI):

146223

UNIPROT ID:

Q8IZR5

Full Name:

CKLF-like MARVEL transmembrane domain containing 4

Observed MW:

26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, Mouse, Rat

Positive Controls:

WB : mouse brain tissue, rat brain tissue

Background Information

CMTM4 belongs to the CKLF-like MARVEL transmembrane domain containing (CMTM) family which contain a structurally conserved MAL and related proteins for vesicle trafficking and membrane linking (MARVEL) domain (PMID: 32944388). CMTM4 plays an important role in mediating endothelial barrier function and controlling vascular sprouting (PMID: 30097810). CMTM4 has been reported to be the major regulator of PD-L1 in liver cancer (PMID: 34558800) and play a tumor suppressive role in colorectal cancer (PMID: 31435638).

Storage

Storage:

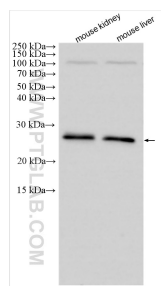
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26559-1-AP (CMTM4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.