

For Research Use Only

CMTM4 Polyclonal antibody

Catalog Number: 26559-1-AP



Basic Information

Catalog Number: 26559-1-AP	GenBank Accession Number: BC093679	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 ug/ml by Nanodrop;	GeneID (NCBI): 146223	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q8IZR5	
Isotype: IgG	Full Name: CKLF-like MARVEL transmembrane domain containing 4	
Immunogen Catalog Number: AG23648	Observed MW: 26 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue
Species Specificity: human, Mouse, Rat	

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

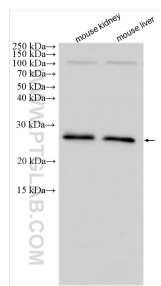
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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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.