

For Research Use Only

CMTM1 Polyclonal antibody

Catalog Number: 34038-1-AP



Basic Information

Catalog Number:

34038-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG40585

GenBank Accession Number:

BC057852

GeneID (NCBI):

113540

UNIPROT ID:

Q8IZ96

Full Name:

CKLF-like MARVEL transmembrane domain containing 1

Calculated MW:

19 kDa

Observed MW:

29 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 testis tissue, rat testis tissue

Background Information

CMTM1 is a MARVEL domain-containing membrane protein enriched in testis and epithelial tissues, with emerging roles in membrane trafficking and cell survival. Its frequent overexpression in multiple cancers and association with aggressive tumor behavior suggest that CMTM1 contributes to tumor progression, potentially by modulating membrane organization or receptor signaling. These properties position CMTM1 as a candidate biomarker and functional regulator in cancer biology (PMID: 33585698, 31542285).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

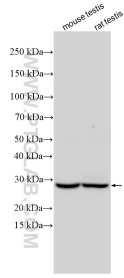
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34038-1-AP (CMTM1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.