

For Research Use Only

VPS9D1 Polyclonal antibody

Catalog Number: 34064-1-AP



Basic Information

Catalog Number:

34064-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG41163

GenBank Accession Number:

BC148701

GeneID (NCBI):

9605

UNIPROT ID:

Q9Y2B5

Full Name:

chromosome 16 open reading frame 7

Calculated MW:

73 kDa

Observed MW:

73 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : U2OS cells, mouse kidney tissue, rat kidney tissue

Background Information

VPS9 domain-containing protein 1 (VPS9D1) promotes tubular endosome formation by specifically activating Rab22A (PMID: 36762583). The long non-coding RNA VPS9D1-AS1 can be activated by CEBPB transcription factor and target VEGFA to activate its downstream pathway to promote colorectal cancer angiogenesis, which may suggest that VPS9D1-AS1 is critical for regulating colorectal cancer angiogenesis (PMID: 40371141).

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:

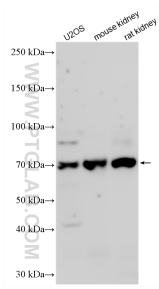
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34064-1-AP (VPS9D1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.