

For Research Use Only

# SMU1 Polyclonal antibody

Catalog Number: 33253-1-AP



## Basic Information

Catalog Number:

33253-1-AP

Concentration:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29580

GenBank Accession Number:

BC002876

GeneID (NCBI):

55234

UNIPROT ID:

Q2TAY7

Full Name:

smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans)

Calculated MW:

58 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse lung tissue, mouse testis tissue

## Background Information

The SMU1 gene, situated on human chromosome 9p21.1, is highly conserved across eukaryotic species and encodes a protein with a WD40 domain, placing it within the WD40-repeat protein family. SMU1 is involved in various cellular processes such as signal transduction, pre-mRNA processing, and cytoskeleton assembly modulation through its receptor/regulator module.

## 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:

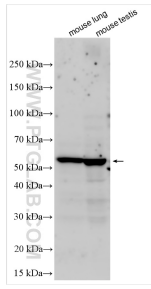
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33253-1-AP (SMU1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.