

For Research Use Only

# SVIP Polyclonal antibody

Catalog Number: 32511-1-AP



## Basic Information

Catalog Number:

32511-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36618

GenBank Accession Number:

NM\_001320340

GeneID (NCBI):

258010

UNIPROT ID:

Q8NHG7

Full Name:

small VCP/p97-interacting protein

Calculated MW:

8kDa

Observed MW:

12 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 : PANC-1 cells, mouse brain tissue, rat brain tissue

## Background Information

SVIP (Small VCP-interacting protein) is a 9-Kda adaptor endoplasmic reticulum protein that could bind directly to p97/VCP. SVIP is located on the ER membrane's cytosolic surface. It inhibits the ERAD pathway, which is known independently of ubiquitin, by interacting with p97/VCP, which has a central role in this pathway. Especially for the ERAD pathway, the SVIP protein has been identified as a negative regulator. SVIP was identified as a novel adapter protein for p97/VCP by observing its overexpression in cells, which causes extensive vacuolation and deformation of the ER and microtubules (PMID: 39473740).

## Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

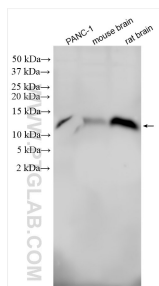
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32511-1-AP (SVIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.