

For Research Use Only

SVIP Polyclonal antibody, PBS Only

Catalog Number: 32511-1-PBS



Basic Information

Catalog Number: 32511-1-PBS	GenBank Accession Number: NM_001320340	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 258010	
Isotype: IgG	UNIPROT ID: Q8NHG7	
Immunogen Catalog Number: AG36618	Full Name: small VCP/p97-interacting protein	
	Calculated MW: 8kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

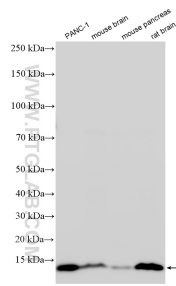
T: 4006900926

E: Proteintech-CN@ptglab.com

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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 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32511-1-PBS in a different storage buffer formulation.