SVIP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SVIP, Polyclonal Antibody
Full Product Name	SVIP rabbit pAb
Product Gene Name	anti-SVIP antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	10.8kDa (100aa) confirmed by MALDI-TOF
3D Structure	ModBase 3D Structure for Q8NHG7
Product Categories/Family for anti-SVIP antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SVIP antibody	Western Blot (WB)
Application Notes for anti-SVIP antibody	WB: 1:1000-2000
Related Product Information for anti-SVIP antibody	MBS8598819 is an antibody targeting SVIP. Also known as SVIP rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-SVIP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SVIP. It may not necessarily be applicable to this product.

NCBI GI #	156713421
NCBI GeneID	258010
NCBI Accession #	NP_683691
UniProt Primary Accession #	Q8NHG7
UniProt Related Accession #	Q8NHG7
GenBank Nucleotide #	NM_148893.2
NCBI Official Full Name	small VCP/p97-interacting protein isoform 3
NCBI Official Synonym Full Names	small VCP interacting protein

NCBI Official Symbol	SVIP
UniProt Protein Name	Small VCP/p97-interacting protein
Protein Family	Small VCP/p97-interacting protein
UniProt Gene Name	SVIP
NCBI Protein Information	small VCP/p97-interacting protein
NCBI Summary for SVIP	Endoplasmic reticulum-associated degradation (ERAD) is the pathway by which misfolded proteins in the endoplasmic reticulum are targeted to the proteasome for degradation. Multiple specialized proteins interact with one another during ERAD to complete this process. The protein encoded by this gene is an inhibitor of ERAD, functioning to disrupt the interaction of these protein components. This downregulation of ERAD may be needed to protect the cell from overactive protein degradation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]
Research Articles on SVIP	**1.** overexpression of gp78 or SVIP suppression may eliminate the toxic gain of function associated with polymerization of ZAAT, thus providing a potential new therapeutic approach to the treatment of alpha-1 antitrypsin deficiency
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