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Product datasheet for TA330485

SYVN1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SYVN1 antibody: synthetic peptide directed towards the C terminal of human SYVN1. Synthetic peptide located within the following region: ARLQSLRNIHTLLDAAMLQINQYLTVLASLGPPRPATSVNSTEETATTVV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	67 kDa
Gene Name:	synoviolin 1
Database Link:	NP_757385 Entrez Gene 84447 Human Q86TM6

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Background: SYVN1 is a protein involved in endoplasmic reticulum (ER)-associated degradation. The protein removes unfolded proteins, accumulated during ER stress, by retrograde transport to the cytosol from the ER. This protein also uses the ubiquitin-proteasome system for additional degradation of unfolded proteins.This gene encodes a protein involved in endoplasmic reticulum (ER)-associated degradation. The encoded protein removes unfolded proteins, accumulated during ER stress, by retrograde transport to the cytosol from the ER. This protein also uses the ubiquitin-proteasome system for additional degradation of unfolded proteins. This gene and the mitochondrial ribosomal protein L49 gene use in their respective 3' UTRs some of the same genomic sequence. Sequence analysis identified two transcript variants that encode different isoforms.

Synonyms: DER3; HRD1

Note: Immunogen sequence homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Guinea pig: 100%; Dog: 92%; Bovine: 85%

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Ubiquitin mediated proteolysis

Product images:

WB Suggested Anti-SYVN1 Antibody Titration: 0.2-1 ug/ml; Positive Control: Transfected 293T