

Anti-SYVN1 / HRD1 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18596**Specification**

Anti-SYVN1 / HRD1 Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q86TM6
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	67685

Anti-SYVN1 / HRD1 Antibody - Additional Information**Gene ID** 84447**Alias Symbol** SYVN1
Other Names
SYVN1, KIAA1810, Synoviolin, Synovial apoptosis inhibitor 1, DER3, HRD1**Target/Specificity**
Human SYVN1 / HRD1**Reconstitution & Storage**
Affinity purified**Precautions**
Anti-SYVN1 / HRD1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Anti-SYVN1 / HRD1 Antibody - Protein Information****Name** SYVN1**Synonyms** HRD1, KIAA1810**Function**
E3 ubiquitin-protein ligase which accepts ubiquitin specifically from endoplasmic reticulum-associated UBC7 E2 ligase and transfers it to substrates, promoting their degradation (PubMed: 12459480, PubMed: 12646171, PubMed: 12975321, PubMed: 14593114, PubMed: 16289116, PubMed: 16847254, PubMed: 17059562,

PubMed:17141218, PubMed:17170702, PubMed:22607976, PubMed:26471130, PubMed:28827405). Component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin- dependent degradation of misfolded endoplasmic reticulum proteins (PubMed:12459480, PubMed:12646171, PubMed:12975321, PubMed:14593114, PubMed:16289116, PubMed:16847254, PubMed:17059562, PubMed:17141218, PubMed:17170702, PubMed:22607976, PubMed:26471130, PubMed:28842558). Also promotes the degradation of normal but naturally short-lived proteins such as SGK. Protects cells from ER stress-induced apoptosis. Protects neurons from apoptosis induced by polyglutamine-expanded huntingtin (HTT) or unfolded GPR37 by promoting their degradation (PubMed:17141218). Sequesters p53/TP53 in the cytoplasm and promotes its degradation, thereby negatively regulating its biological function in transcription, cell cycle regulation and apoptosis (PubMed:17170702). Mediates the ubiquitination and subsequent degradation of cytoplasmic NFE2L1 (By similarity). During the early stage of B cell development, required for degradation of the pre-B cell receptor (pre-BCR) complex, hence supporting further differentiation into mature B cells (By similarity).

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Ubiquitously expressed, with highest levels in liver and kidney (at protein level). Up-regulated in synovial tissues from patients with rheumatoid arthritis (at protein level)

Anti-SYVN1 / HRD1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SYVN1 / HRD1 Antibody - Images