



[Go to Product page](#)

Datasheet for ABIN3029082
anti-SYVN1 antibody (AA 586-617)

10 Images

Overview

Quantity:	0.4 mL
Target:	SYVN1
Binding Specificity:	AA 586-617
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYVN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 586-617 from the human protein was used as the immunogen for this SYVN1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	SYVN1
Alternative Name:	SYVN1 (HRD1) (SYVN1 Products)
Background:	HRD1/SYVN1 is a ubiquitin ligase whose expression is induced by the unfolded protein response (UPR) following endoplasmic reticulum stress. Expression of SYVN1 protects cells from apoptosis by inducing degradation of abnormally processed proteins that accumulate in

Target Details

the endoplasmic reticulum. It is expressed in many tissues, strongly expressed in brain, pancreas, liver, kidney and skeletal muscle. Amano T, et al. reported that Synoviolin/Hrd1 (expressed in rheumatoid synovium) is a novel causative factor for arthropathy by triggering synovial cell outgrowth through its antiapoptotic effects.

UniProt: [Q86TM6](#)

Pathways: [ER-Nucleus Signaling](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: Titration of the SYVN1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:200-1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

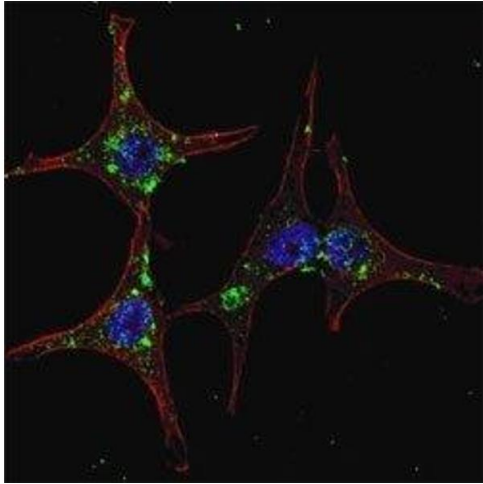
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

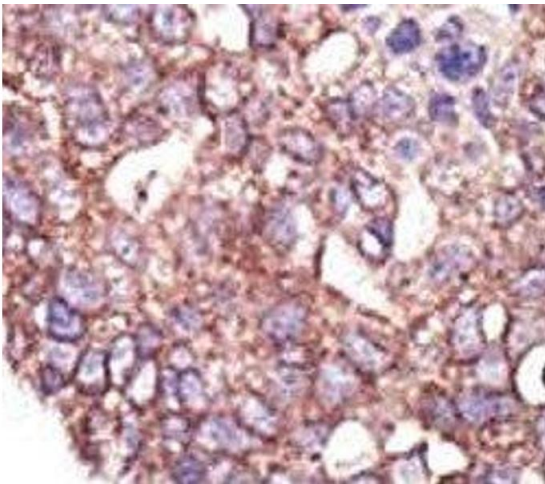
Storage: -20 °C

Storage Comment: Aliquot the SYVN1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



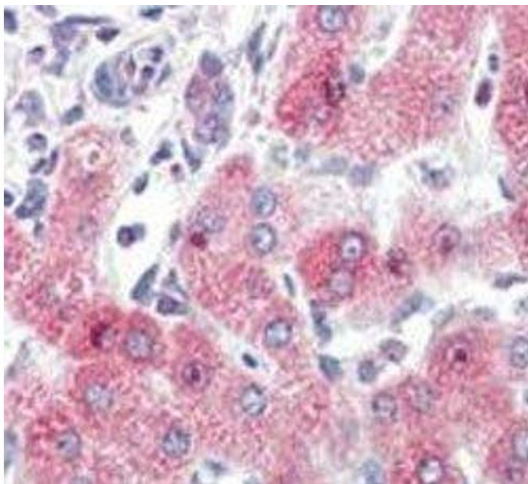
Immunofluorescence

Image 1. Fluorescent confocal image of HeLa cells stained with SYVN1 antibody. Primary Ab (1:200, 2 h at room temperature); Alexa Fluor 488 conjugated donkey anti-rabbit Ab (green) was used as secondary (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (



Immunohistochemistry

Image 2. IHC analysis of FFPE human breast carcinoma tissue stained with the SYVN1 antibody



Immunohistochemistry

Image 3. IHC analysis of FFPE human liver tissue stained with SYVN1 antibody

Please check the [product details page](#) for more images. Overall 10 images are available for ABIN3029082.