Datasheet for ABIN1882139

anti-SYVN1 antibody (N-Term)

1 Image | 6 Publications

Go to Product page

Overview

Quantity:	400 µL
Target:	SYVN1
Binding Specificity:	AA 58-88, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SYVN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SYVN1 (HRD1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-88 amino acids from the N-terminal region of human SYVN1 (HRD1).
Clone:	RB5086
Isotype:	Ig Fraction
Predicted Reactivity:	M, X
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SYVN1

Target Details

Alternative Name:	SYVN1 (HRD1) (SYVN1 Products)
Background:	HRD1 is a ubiquitin ligase whose expression is induced by the unfolded protein response (UPR) following endoplasmic reticulum stress. Expression of HRD1 protects cells from apoptosis by inducing degradation of abnormally processed proteins that accumulate in the endoplasmic reticulum. HRD1 is expressed in many tissues, strongly expressed in brain, pancreas, liver, kidney and skeletal muscle. Synoviolin/Hrd1 (expressed in rheumatoid synovium) is reported to be a novel causative factor for arthropathy by triggering synovial cell outgrowth through its antiapoptotic effects. HRD1 contains one ring-type zinc finger.
Molecular Weight:	67685
NCBI Accession:	NP_115807, NP_757385
UniProt:	Q86TM6
Pathways:	ER-Nucleus Signaling, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Expiry Date:	6 months

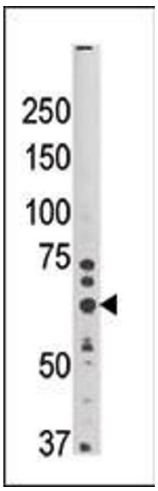
Publications

Product cited in:	Mishra, Chandravanshi, Trigun, Krishnamurthy: "Ambroxol modulates 6-Hydroxydopamine-induced temporal reduction in Glucocerebrosidase (GCase) enzymatic activity and Parkinson's disease symptoms." in: **Biochemical pharmacology**, Vol. 155, pp. 479-493, (2019) (PubMed).

Publications

There are more publications referencing this product on: Product page

Images



Western Blotting

Image 1. Western blot analysis of anti-HRD1 Pab (ABIN1882139 and ABIN2837883) in mouse brain tissue lysate (35 µg/lane). HRD1(arrow) was detected using the purified Pab.