

Datasheet for ABIN391992
anti-SESN1 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	SESN1
Binding Specificity:	AA 312-341, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SESN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This Sestrin-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 312-341 amino acids from the C-terminal region of human Sestrin-1.
Clone:	RB18601
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, X
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SESN1
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Target Details

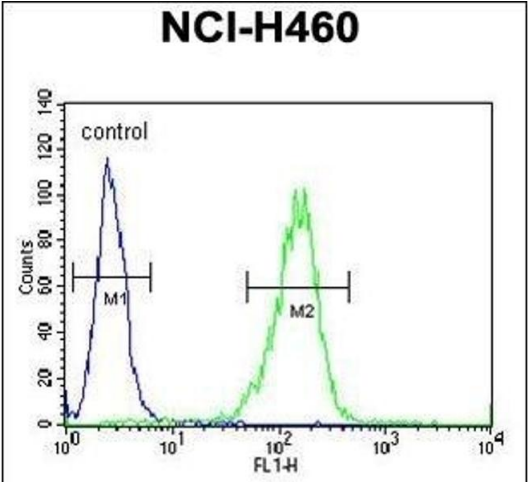
Alternative Name:	Sestrin-1 (SESN1 Products)
Background:	Sestrin-1 is involved in the reduction of peroxiredoxins. This protein may also be regulator of cellular growth.
Molecular Weight:	56557
Gene ID:	27244
NCBI Accession:	NP_001186862 , NP_001186863 , NP_055269
UniProt:	Q9Y6P5

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

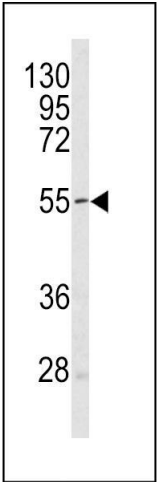
Handling

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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



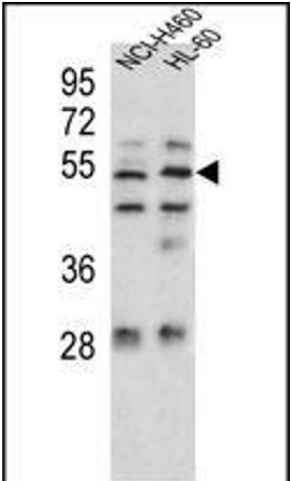
Flow Cytometry

Image 1. Sestrin-1 Antibody (C-term) (ABIN391992 and ABIN2841780) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of Sestrin-1 antibody (C-term) (ABIN391992 and ABIN2841780) in mouse heart tissue lysates (35 μ g/lane). Sestrin-1 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Sestrin-1 Antibody (C-term) (ABIN391992 and ABIN2841780) western blot analysis in NCI,HL-60 cell line lysates (35 μ g/lane). This demonstrates the Sestrin-1 antibody detected the Sestrin-1 protein (arrow).