

Datasheet for ABIN652375

anti-SESN1 antibody (N-Term)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	400 µL
Target:	SESN1
Binding Specificity:	AA 14-43, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SESN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Sestrin-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-43 amino acids from the N-terminal region of human Sestrin-1.
Clone:	RB18600
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SESN1
Alternative Name:	Sestrin-1 (SESN1 Products)

Target Details

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

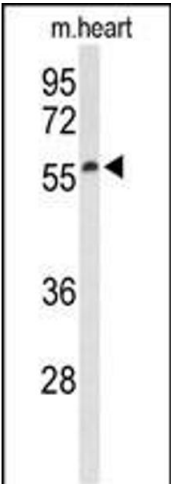
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

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

Publications

Product cited in:	Huang, Zhan, Cao, Li, Lyu, Guo, Zhang, Ji, Ren, An, Liu, Nie, Xing: "Increased mitochondrial fission promotes autophagy and hepatocellular carcinoma cell survival through the ROS-modulated coordinated regulation of the NFKB and TP53 pathways." in: Autophagy , Vol. 12, Issue 6, pp. 999-1014, (2017) (PubMed).
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Western Blotting

Image 1. Western blot analysis of Sestrin-1 Antibody (N-term) (ABIN652375 and ABIN2841779) in mouse heart tissue lysates (35 µg/lane). Sestrin-1 (arrow) was detected using the purified Pab.