

Datasheet for ABIN453824

anti-Sestrin 2 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	Sestrin 2 (SESN2)
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sestrin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human Sestrin-2
Specificity:	This antibody reacts to Sestrin-2.
Purification:	Saturated Ammonium Sulfate (SAS) precipitation

Target Details

Target:	Sestrin 2 (SESN2)
Alternative Name:	Sestrin-2 (SESN2) (SESN2 Products)
Background:	SESN2 is a member of the sestrin family of PA26-related proteins. The protein may function in the regulation of cell growth and survival. This protein may be involved in cellular response to different stress conditions. Synonyms: HI95, Hypoxia induced gene 95, SES2, SEST2, SESTRIN 2

Target Details

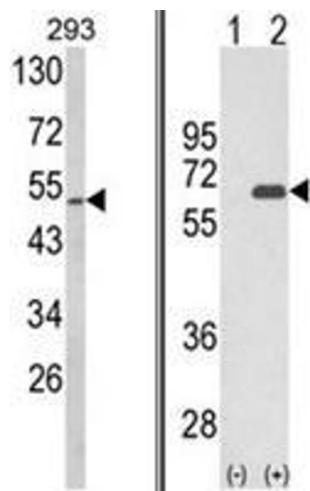
Gene ID:	83667
NCBI Accession:	NP_113647
UniProt:	P58004

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. (LEFT) Western blot analysis of Sestrin-2 Antibody (Center) in 293 cell line lysates (35ug/lane). Sestrin-2 (arrow) was detected using the purified Pab. (RIGHT) Western blot analysis of SESN2 (arrow) using rabbit polyclonal Sestrin-2 Antibody (Center) . 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SESN2 gene (Lane 2).