

Rabbit Sestrin-1 Polyclonal Antibody | anti-SESN1 antibody

Sestrin-1 Antibody (C-term)

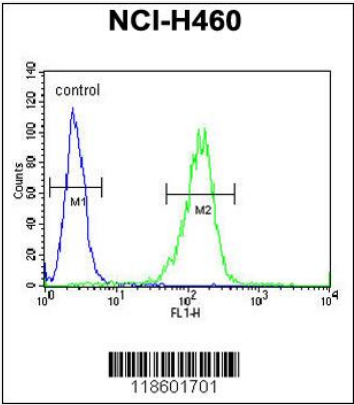
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288406	Rabbit	Human, mouse (Predicted Reactivity: Monkey, Xenopus)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

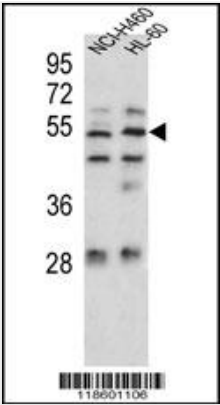
Sestrin-1; Polyclonal Antibody; Sestrin-1 Antibody (C-term); p53-regulated protein PA26; SESN1; PA26; SEST1; anti-SESN1 antibody

PRODUCT SPECIFICATIONS

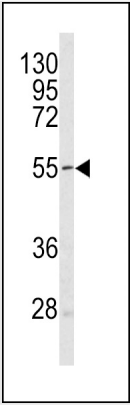
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Sestrin-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 312-341 amino acids from the C-terminal region of human Sestrin-1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	312-341
Sequence Length	426
Applicable Applications for anti-SESN1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Sestrin-1 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Sestrin-1 Antibody (C-term) western blot analysis in NCI-H460,HL-60 cell line lysates (35ug/lane).This demonstrates the Sestrin-1 antibody detected the Sestrin-1 protein (arrow).



WB (Western Blot)
Western blot analysis of Sestrin-1 antibody (C-term) in mouse heart tissue lysates (35ug/lane). Sestrin-1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SESN1 antibody	Sestrin-1 is involved in the reduction of peroxiredoxins. This protein may also be regulator of cellular growth.
Product Categories/Family for anti-SESN1 antibody	Cell Biology; Metabolism
References	Budanov,A.V., Science 304 (5670), 596-600 (2004) Peeters,H., Hum. Genet. 112 (5-6), 573-580 (2003) Velasco-Miguel,S., Oncogene 18 (1), 127-137 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	315709500
NCBI GeneID	27244
NCBI Accession #	NP_001186862.1; NP_001186863.1; NP_055269.1
NCBI GenBank Nucleotide #	NM_001199933.1
UniProt Accession #	Q9Y6P5; Q2M2B7; Q5T316; Q9NV00; Q9UPD5; Q9Y6P6
Molecular Weight	56557

NCBI Official Full Name	sestrin-1 isoform 2
NCBI Official Synonym Full Names	sestrin 1
NCBI Official Symbol	SESN1
NCBI Official Synonym Symbols	PA26; SEST1
NCBI Protein Information	sestrin-1
UniProt Protein Name	Sestrin-1
UniProt Gene Name	SESN1
UniProt Synonym Gene Names	PA26; SEST1
UniProt Entry Name	SESN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sestrin-1-antibody-flow-cytometry-western-blot-elisa/288406>