Rabbit anti-Human Sestrin 2 Monoclonal Antibody | anti-SESN2 antibody

Sestrin 2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283022	**Rabbit**	**Human**	**ELISA, Western Blot**

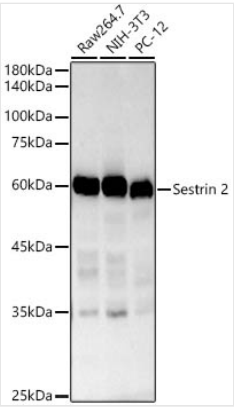
PRODUCT SYNONYMS

Sestrin 2; Monoclonal Antibody; Sestrin 2 Rabbit mAb; HI95; SES2; SEST2; anti-SESN2 antibody

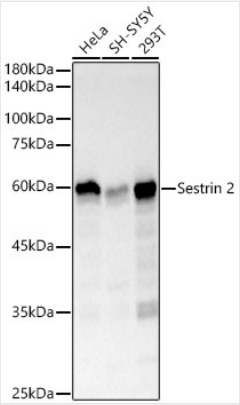
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SADILEPSPH PDMLCFVEDP TFGYEDFTRR GAQAPPTFRA QDYTWEDHGY SLIQRLYPEG GQLLDEKFQA AYSLTYNTIA MHSGVDTSVL RRAIWNYIHC V
Applicable Applications for anti-SESN2 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 300-400 of human Sestrin 2 (NP_113647.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of various lysates, using Sestrin 2 Rabbit mAb (AAA283022) at 1:2000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



WB (Western Blot)
Western blot analysis of various lysates, using Sestrin 2 Rabbit mAb (AAA283022) at 1:2000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-SESN2 antibody	This gene encodes a member of the sestrin family of PA26-related proteins. The encoded protein may function in the regulation of cell growth and survival. This protein may be involved in cellular response to different stress conditions.
Product Categories/Family for anti-SESN2 antibody	Cell Biology Developmental Biology; Endocrine Metabolism; AMPK Signaling Pathway; Endocrine and metabolic diseases; Obesity; Cardiovascular; Hypoxia; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13899299
NCBI GeneID	83667
NCBI Accession #	NP_113647
NCBI GenBank Nucleotide #	NM_031459.4
UniProt Accession #	P58004; Q5T7D0; Q96SI5
Molecular Weight	Calculated MW: 54kDa Observed MW: 60kDa
UniProt Protein Name	Sestrin-2
UniProt Gene Name	**SESN2**
UniProt Synonym Gene Names	SEST2
UniProt Entry Name	SESN2_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/monoclonal/sestrin-2-antibody-western-blot-elisa/283022