

Rabbit SESN3 Polyclonal Antibody | anti-SESN3 antibody

SESN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328724	Rabbit	Human, Mouse, Rat, Monkey Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

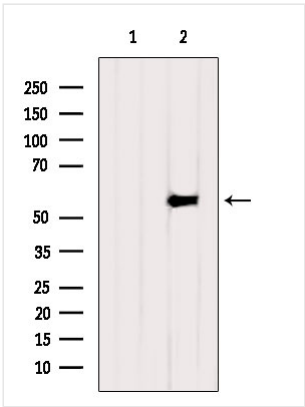
PRODUCT SYNONYMS

SESN3; Polyclonal Antibody; SESN3 Antibody; MGC29667; OTTHUMP00000236979; OTTHUMP00000236986; SESN3_HUMAN; SEST3; Sestrin 3; Sestrin-3; anti-SESN3 antibody

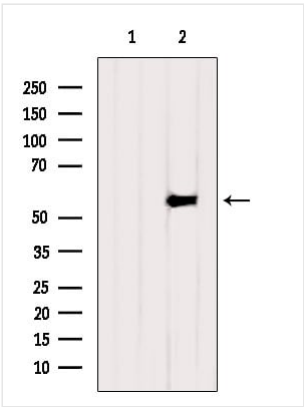
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted: Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	SESN3 Antibody detects endogenous levels of SESN3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	492
Applicable Applications for anti-SESN3 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human SESN3.
Tissue Specificity	Widely expressed.
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from COS-7, using SESN3 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using SESN3 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SESN3 antibody	Description: May function as an intracellular leucine sensor that negatively regulates the TORC1 signaling pathway (PubMed:25263562). May also regulate the insulin-receptor signaling pathway through activation of TORC2 (By similarity). This metabolic regulator may also play a role in protection against oxidative and genotoxic stresses (By similarity).
	Subunit Structure: Interacts with the GATOR2 complex which is composed of MIOS, SEC13, SEH1L, WDR24 and WDR59; the interaction is not regulated by leucine (PubMed:25263562, PubMed:26449471). Interacts with RAGA, RRAGB, RRAGC and RRAGD; may function as a guanine nucleotide dissociation inhibitor for RRAGs and regulate them (PubMed:25259925). Interacts with the TORC2 complex; through RICTOR (By similarity).
	Similarity: The C-terminal domain may mediate interaction with GATOR2 and regulation of TORC1 signaling. Belongs to the sestrin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377591
NCBI GeneID	143686
NCBI Accession #	NP_653266
NCBI GenBank Nucleotide #	NP_653266.2
UniProt Accession #	P58005
Molecular Weight	Observed: 57 kDa Predicted: 58 kDa
NCBI Official Full Name	sestrin-3 isoform 1
NCBI Official Synonym Full Names	sestrin 3
NCBI Official Symbol	SESN3
NCBI Official Synonym Symbols	SEST3
NCBI Protein Information	sestrin-3
UniProt Protein Name	Sestrin-3
UniProt Gene Name	SESN3
UniProt Synonym Gene Names	SEST3

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://stage.aaabiotech.com/polyclonal/sesn3-antibody-western-blot-elisa/328724>