



Rabbit Anti-SESN3 antibody

SL6100R

Product Name:	SESN3
Chinese Name:	Sestrin3抗体
Alias:	SESN3; SESN3 HUMAN; SEST3; Sestrin 3; Sestrin-3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	54kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SESN3:401-500/492
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the sestrin family of stress-induced proteins. The encoded protein reduces the levels of intracellular reactive oxygen species induced by activated Ras downstream of RAC-alpha serine/threonine-protein kinase (Akt) and FoxO transcription factor. The protein is required for normal regulation of blood glucose, insulin resistance and plays a role in lipid storage in obesity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]

Subcellular Location:

Widely expressed.

Similarity:

Belongs to the sestrin family.

SWISS:

P58005

Gene ID:

143686

Database links:

[Entrez Gene: 143686](#) Human

[Entrez Gene: 75747](#) Mouse

[Entrez Gene: 315427](#) Rat

[Omim: 607768](#) Human

[SwissProt: P58005](#) Human

[SwissProt: Q9CYP7](#) Mouse

[Unigene: 659934](#) Human

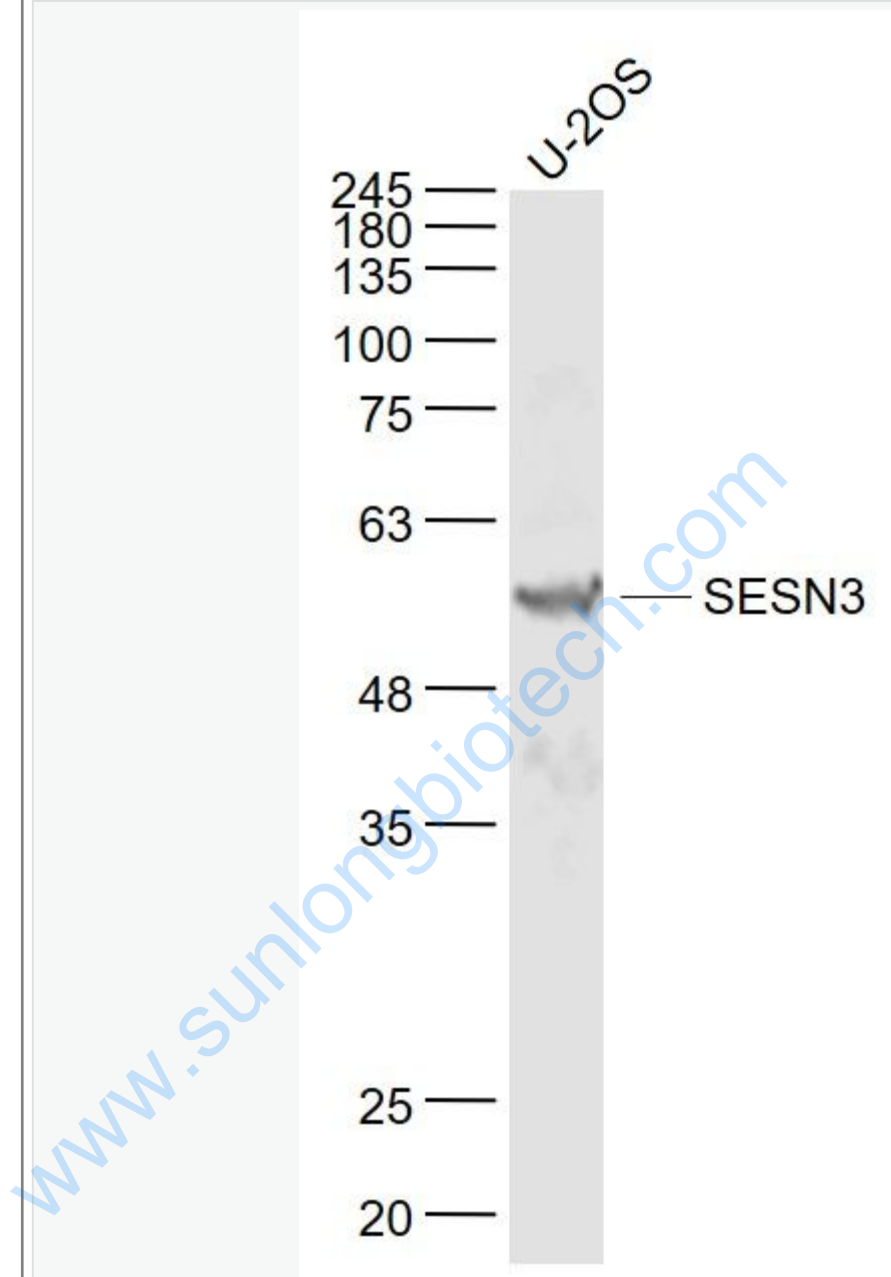
[Unigene: 325126](#) Mouse

[Unigene: 439776](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

U-2OS(Human) Cell Lysate at 30 ug

Primary: Anti- SESN3 (SL6100R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 54 kD

	Observed band size: 56 kD
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