

DATASHEET

SESN3 Rabbit Polyclonal Antibody

CAT. NO. APA14431

KEY FEATURES

Target	SESN3	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

May function as an intracellular leucine sensor that negatively regulates the TORC1 signaling pathway . May also regulate the insulin-receptor signaling pathway through activation of TORC2 . This metabolic regulator may also play a role in protection against oxidative and genotoxic stresses . May prevent the accumulation of reactive oxygen species (ROS) through the alkylhydroperoxide reductase activity born by the N-terminal domain of the protein .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

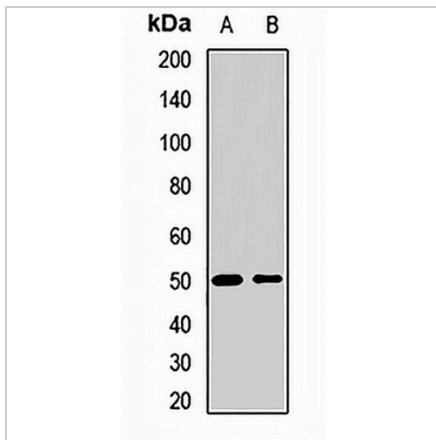
Description	Rabbit polyclonal antibody to SESN3
Specificity	Recognizes endogenous levels of SESN3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human SESN3
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 36; Observed: 50 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	SEST3; Sestrin-3
Gene Symbol	SESN3
Entrez Gene	143686(Human)
SwissProt	P58005(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of SESN3 expression in HeLa (A), A549 (B) whole cell lysates. (Predicted band size: 36; 41; 57 kD; Observed band size: 50 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.