

SESN3

Reactivity: Human

Tested applications: WB

Recommended Dilution: WB 1:200 - 1:2000

Calculated MW: 57kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human SESN3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

SEST3;

Catalog #: A5164

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 143686

Isotype: IgG

Swiss Prot: P58005

Purity: Affinity purification

For research use only.

Background:

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.

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