

## SESN3

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**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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