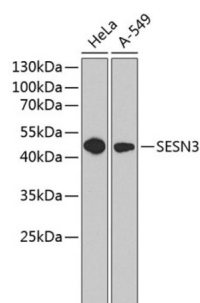


Sestrin 3 (SESN3) Antibody

Catalogue No.: abx003957



Western blot analysis of extracts of various cell lines using SESN3 Antibody (1/1000 dilution).

SESN3 Antibody is a Rabbit Polyclonal antibody against SESN3. 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.

Target: Sestrin 3 (SESN3)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: WB

Host: Rabbit

Recommended dilutions: WB: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human SESN3

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P58005 ([UniProt](#), [ExPASy](#))

Datasheet

Version: 4.0.0

Revision date: 05 Mar 2025



Gene Symbol: SESN3

GeneID: [143686](#)

NCBI Accession: NP_653266.2

KEGG: hsa:143686

String: [9606.ENSP00000441927](#)

Molecular Weight: Calculated MW: 36 kDa/41 kDa/57 kDa
Observed MW: 50 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only