

Product datasheet for TA362685

SESN1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of Human SESN1

Expected reactivity: Human Specificity:

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small Storage:

aliquots to prevent freeze-thaw cycles.

Shelf life: one year from despatch. Stability:

Predicted Protein Size: 60 kDa Gene Name: sestrin 1

Database Link: NP 001186862.1

Entrez Gene 27244 Human

Q9Y6P5-2



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SESN1 Rabbit Polyclonal Antibody - TA362685

Background: This gene encodes a member of the sestrin family. Sestrins are induced by the p53 tumor

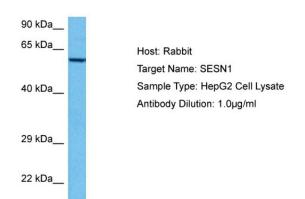
suppressor protein and play a role in the cellular response to DNA damage and oxidative stress. The encoded protein mediates p53 inhibition of cell growth by activating AMP-activated protein kinase, which results in the inhibition of the mammalian target of rapamycin protein. The encoded protein also plays a critical role in antioxidant defense by regenerating overoxidized peroxiredoxins, and the expression of this gene is a potential marker for exposure to radiation. Alternatively spliced transcript variants encoding multiple

isoforms have been observed for this gene.

Synonyms: MGC138241; MGC142129; PA26; RP11-787I22.1; SEST1

Protein Pathways: p53 signaling pathway

Product images:



Host: Rabbit Target Name: SESN1

Sample Tissue: Human HepG2 Whole Cell lysates

Antibody Dilution: 1ug/ml