

Product datasheet for **AP53867PU-N**

SESN3 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 319-347 amino acids from the Central region of Human Sestrin-3
Specificity:	Recognizes Sestrin-3 (Center Y335).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide Affinity purification
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	sestrin 3
Database Link:	Entrez Gene 143686 Human P58005
Background:	Sestrins form a small family of redox enzymes which regulate accumulation of Reactive Oxygen Species. They protect cells and their DNA against oxidative damage and regulate cell growth and viability. These genes are often deregulated in cancers and their inactivation accelerates the growth of model tumors in mice.



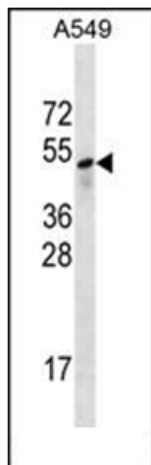
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Synonyms: SEST3

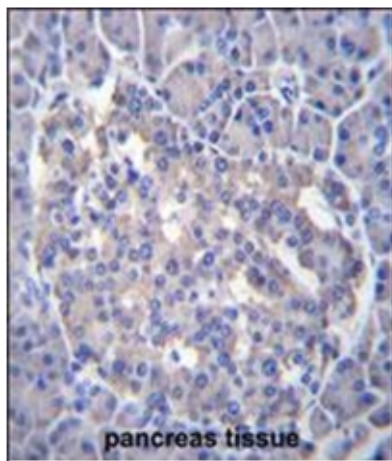
Note: **Molecular Weight:** 57291 Da

Protein Pathways: p53 signaling pathway

Product images:



Western blot analysis using Sestrin-3 Antibody (Center Y335) in A549 cell line lysates (35ug/lane). This demonstrates the Sestrin-3 antibody detected the Sestrin-3 protein (arrow).



Immunohistochemistry analysis in Formalin Fixed, Paraffin Embedded Human pancreas tissue stained with antibody (Center Y335) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Sestrin-3 Antibody (Center Y335) for immunohistochemistry. Clinical relevance has not been evaluated.