

Datasheet for ABIN954753
anti-SESN3 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	SESN3
Binding Specificity:	AA 319-347, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 319-347 amino acids from the Central region of Human Sestrin-3 Genename: SESN3
Isotype:	Ig Fraction
Specificity:	Recognizes Sestrin-3 (Center Y335).
Purification:	Protein A column followed by peptide Affinity purification

Target Details

Target:	SESN3
Alternative Name:	Sestrin-3 (SESN3) (SESN3 Products)
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

Target Details

growth and viability. These genes are often deregulated in cancers and their inactivation accelerates the growth of model tumors in mice. Synonyms: SEST3

Gene ID: 143686

NCBI Accession: [NP_653266](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative

Preservative: Sodium azide

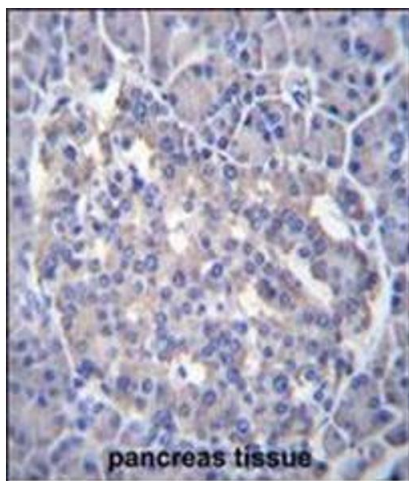
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

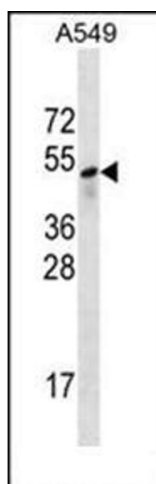
Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. Western blot analysis using Sestrin-3 Antibody (Center Y335) Cat.-No AP53867PU-N in A549 cell line lysates (35ug/lane). This demonstrates the Sestrin-3 antibody detected the Sestrin-3 protein (arrow).