



SESN3 rabbit pAb

Catalog No	YP-Ab-11900
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB;ELISA;IHC
Gene Name	SESN3 SEST3
Immunogen	Synthesized peptide derived from human SESN3 AA range: 35-85
Specificity	This antibody detects endogenous levels of SESN3 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Sestrin-3;sestrin 3;SEST3;EC:1.11.1.-;SESN3;SESN3 SEST3
Observed Band	
Calculated Molecular Weight	54kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Widely expressed.
Function	caution:Positions 27 to 191 are in EST BF328700; positions 244 to 492 can be found in EST BG291497 but several frameshifts need to be corrected to restore the correct sequence. Positions 412 to 492 are in AF086251 with no conflicts., similarity:Belongs to the sestrin family.,tissue specificity:Widely expressed.,
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. [provided by RefSeq, Oct 2012],



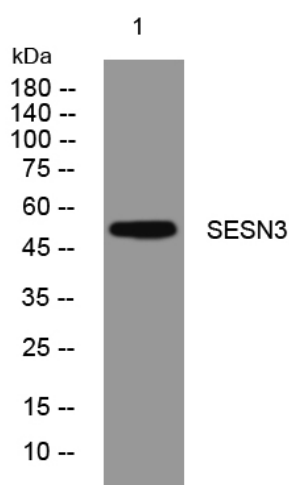
matters needing attention

Avoid repeated freezing and thawing!

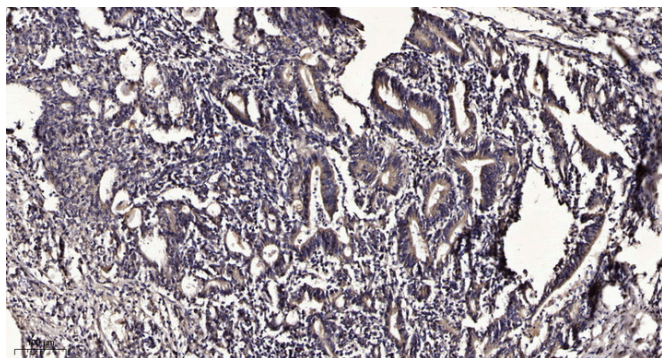
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).