



Rabbit Anti-SnoN antibody

SL5945R

Product Name:	SnoN
Chinese Name:	Smad核转录共抑制因子抗体
Alias:	SKI like; Ski related oncogene; Ski related protein; SKIL; SnoA; SNO; SnoA; SnoI; SnoN; SKIL_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	77kDa
Cellular localization:	The nucleocytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SnoN:301-400/684
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SnoN may have a regulatory role in cell division or differentiation in response to extracellular signals. SnoN acts as a positive mediator of TGF beta induced transcription and cell cycle arrest in lung epithelial cells. The ability of SnoN to repress the growth inhibitory function of the Smad proteins is required for their transforming activity.

Function:

May have regulatory role in cell division or differentiation in response to extracellular signals.

Subunit:

Interacts with SMAD2, SMAD3 and RNF111. Isoform 1 interacts with WWP1.

Tissue Specificity:

Isoform SNON and isoform SNOA are widely expressed. Highest expression is found in skeletal muscle, followed by placenta and lung. Lowest expression in heart, brain and pancreas. Isoform SNOI expression is restricted to skeletal muscle.

Similarity:

Belongs to the SKI family.

SWISS:

P12757

Gene ID:

6498

Database links:

[Entrez Gene: 6498](#)Human

[Entrez Gene: 20482](#)Mouse

[Entrez Gene: 114208](#)Rat

[Omim: 165340](#)Human

[SwissProt: P12757](#)Human

[SwissProt: Q60665](#)Mouse

[Unigene: 581632](#)Human

[Unigene: 15406](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Smad核转录共抑制因子(SnoN)是一种拮抗剂,可严格调控转化生长因子- β 1/smad(TGF- β 1/Smad)信号的活性,从而保证在正常的生理条件下TGF- β 1/smad信号输出的稳定性。