Datasheet for ABIN500786

anti-SKIL antibody (N-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	SKIL
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SKIL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	SnoN antibody was raised against a 16 amino acid peptide from near the amino terminus of human SnoN.
Isotype:	IgG
Specificity:	This antibody detects SKIL / SnoN. It will recognize all isoforms (SnoN, SnoN2, SnoI, and SnoA).
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinita chromatography

Target Details

Target:	SKIL

Target Details

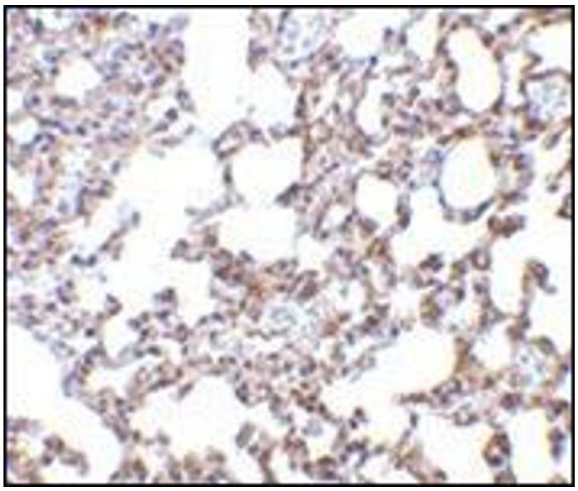
Alternative Name:	SKIL / SnoN (SKIL Products)
Background:	TGF-beta is a ubiquitously expressed cytokine that signals through the Smad protein family to regulate numerous cellular processes such as embryonic development and tumorigenesis. This signaling is negatively regulated by Ski, the mammalian homolog of the transforming protein of an avian retrovirus that induces oncogenic transformation of chicken embryo cells, and the related protein SnoN. Like Ski, SnoN functions by binding to the Smad proteins and preventing their phosphorylation, thereby inhibiting their ability to bind DNA and activate the transcription of downstream genes. SnoN is located primarily in the nucleus in cancer tissues or cells, but in the cytoplasm in normal tissues or primary epithelial cells. There are at least four alternately spliced isoforms of SnoN.Synonyms: SNO, Ski-like protein, Ski-related novel protein N, Ski-related oncogene, Ski-related protein, SnoA, Snol
Gene ID:	6498
NCBI Accession:	NP_005405
UniProt:	P12757
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	ELISA. Western blot: 0.5 - 1 µg/mL. Immunohistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

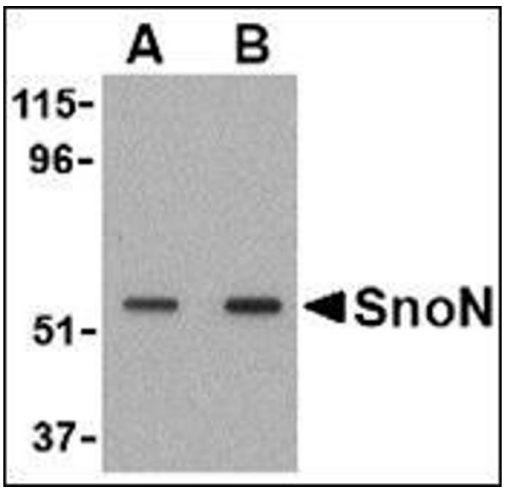
Handling

Buffer:	PBS containing 0.02 % sodium azide
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 at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of SnoN in mouse lung tissue with this product at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of SnoN in A431 cell lysate with this product at (A) 0.5 and (B) 1 µg/ml.