SnoN Antibody

Catalog No: #24101

Orders: order@signalwayantibody.com
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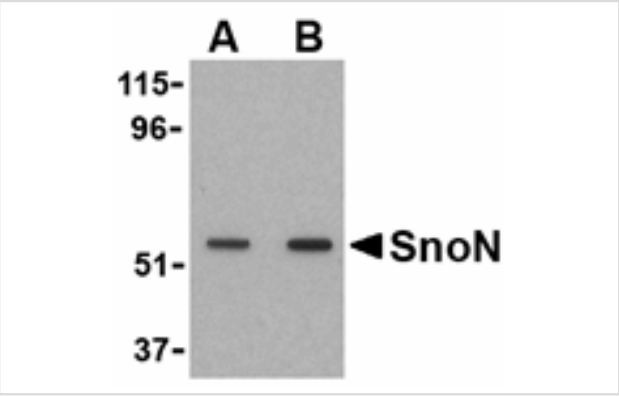
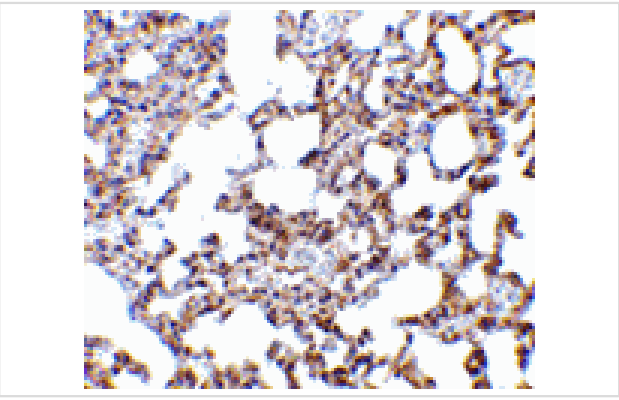
Description

Product Name	SnoN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the amino terminus of human SnoN.
Target Name	SnoN
Other Names	Ski-like protein, oncogene Sno
Accession No.	Swiss-Prot:P12757Gene ID:6498
Uniprot	P12757
GeneID	6498;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of SnoN in A431 cell lysate with SnoN antibody at (A) 0.5 and (B) 1 ug/mL.



Immunohistochemistry of SnoN in mouse lung tissue with SnoN antibody at 5 ug/mL.

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; SnoN antibody will recognize all isoforms (SnoN, SnoN2, SnoI, and SnoA).

Note: This product is for in vitro research use only