
SnoN Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253362

Unit: 0.1 mg

Description:

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).

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: SnoN; Ski-like protein; oncogene Sno

Accession No.: NP_005405

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human SnoN.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.