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Product datasheet for CF800172

SnoN (SKIL) Mouse Monoclonal Antibody [Clone ID: OTI2C9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C9
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 307-684 of human SKIL (NP_005405) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	76.8 kDa
Gene Name:	Homo sapiens SKI like proto-oncogene (SKIL), transcript variant 1, mRNA.
Database Link:	NP_005405 Entrez Gene 20482 MouseEntrez Gene 114208 RatEntrez Gene 6498 Human P12757

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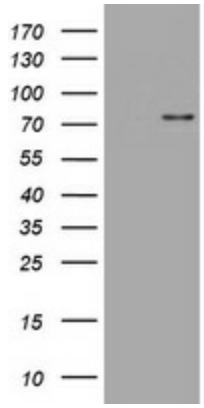
Background: The protein encoded by this gene is a component of the SMAD pathway, which regulates cell growth and differentiation through transforming growth factor-beta (TGFB). In the absence of ligand, the encoded protein binds to the promoter region of TGFB-responsive genes and recruits a nuclear repressor complex. TGFB signaling causes SMAD3 to enter the nucleus and degrade this protein, allowing these genes to be activated. Four transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

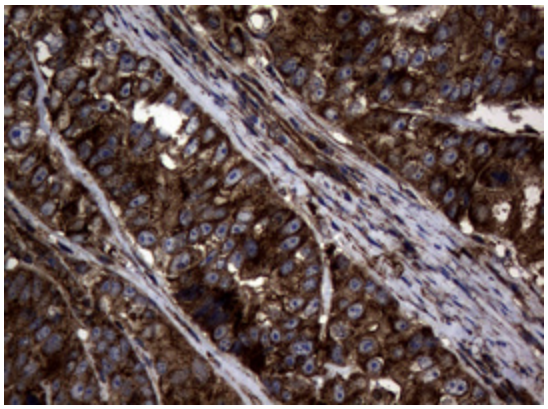
Synonyms: SNO; SnoA; SnoI; SnoN

Protein Families: Druggable Genome, Transcription Factors

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SKIL ([RC209251], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SKIL. Positive lysates [LY417307] (100ug) and [LC417307] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-SKIL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800172])

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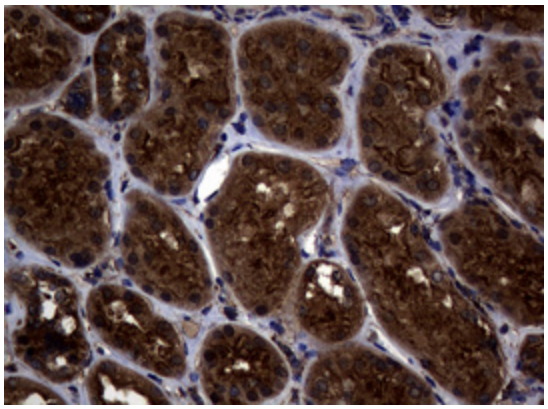
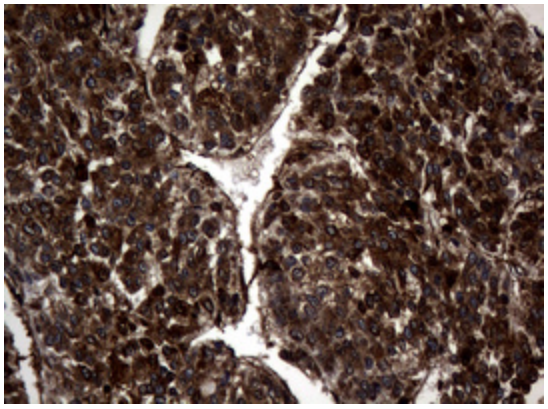
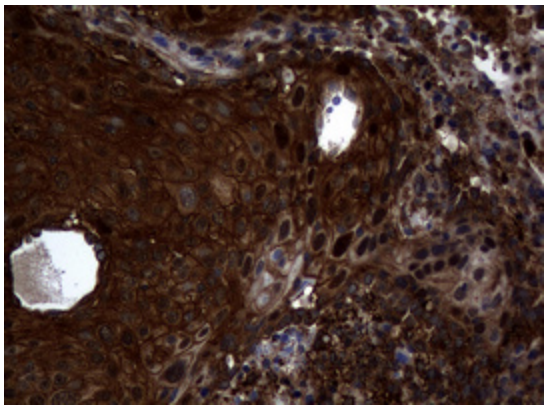


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SKIL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800172])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-SKIL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800172])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-SKIL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800172])

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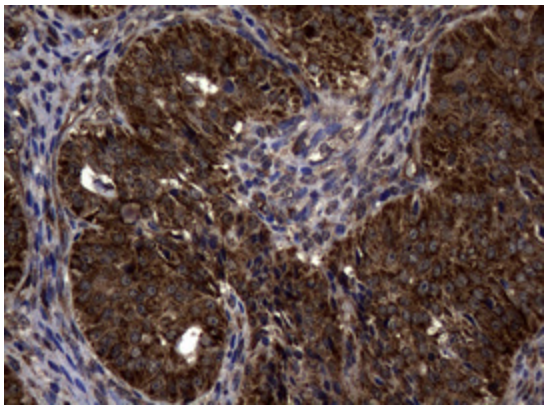

Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-SKIL mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA800172])

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