

SKIL Polyclonal antibody

Catalog Number: 19218-1-AP

Featured Product

13 Publications

Basic Information

Catalog Number:

19218-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5282

GenBank Accession Number:

BC059386

GeneID (NCBI):

6498

UNIPROT ID:

P12757

Full Name:

SKI-like oncogene

Calculated MW:

77 kDa

Observed MW:

77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IF, IHC, CoIP

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A431 cells, human skeletal muscle tissue, HepG2 cells, MCF-7 cells

IP : HepG2 cells,

IHC : human endometrial cancer tissue,

IF/ICC : HepG2 cells,

Background Information

SKIL, also known as SnoN, is a mediator of the transforming growth factor- β (TGF- β) signaling pathway and exerts pro-oncogenic activity through inhibiting TGF- β /Smad pathway (PMID: 19114989). SKIL is involved in reduction of autophagy and subsequent tumor cell apoptosis in arsenic trioxide-treated promyelocytic leukemia and ovarian carcinoma. In addition, SKIL may regulate cell division or differentiation in response to extracellular signals.

Notable Publications

Author	Pubmed ID	Journal	Application
Jin Zhang	34605238	J Med Chem	WB
Xiaoying Chen	30425119	J Neurosci	
Victor Laigle	34740826	Mol Cell Proteomics	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

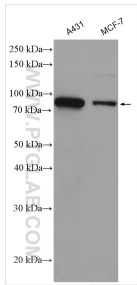
For technical support and original validation data for this product please contact:

T: 4006900926

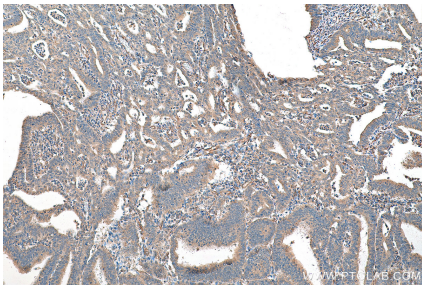
E: Proteintech-CN@ptglab.comW: ptgcn.com

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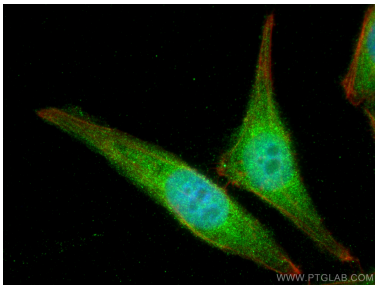
Selected Validation Data



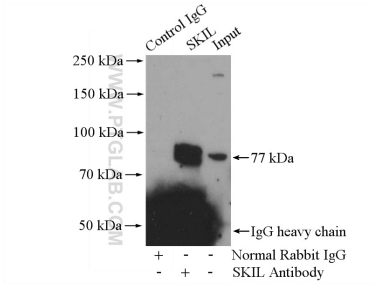
Various lysates were subjected to SDS PAGE followed by western blot with 19218-1-AP (SKIL antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 19218-1-AP (SKIL antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SKIL antibody (19218-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-SKIL (IP:19218-1-AP, 4ug; Detection:19218-1-AP 1:500) with HepG2 cells lysate 1600ug.