

A5844

Leader in Biomolecular Solutions for Life Science



SKIL Rabbit pAb

Catalog No.: A5844

Basic Information

Observed MW

75kDa

Calculated MW

77kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

6498

Swiss Prot

P12757

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 350-450 of human SKIL (NP_005405.2).

Synonyms

SNO; SnoA; Snol; SnoN; SKIL

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

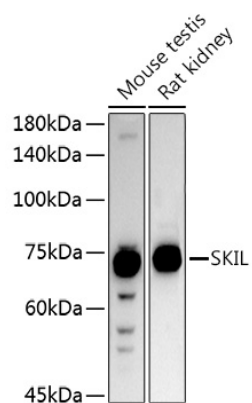
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using SKIL antibody (A5844) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.