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SKIIP antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10339

Product Information

Application	WB, IHC
Primary Accession	Q13573
Other Accession	NM_012245, NP_036377
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine, Yeast
Predicted	Human, Mouse, Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61494

Additional Information

Gene ID	22938
Alias Symbol	Bx42, SKIP, Prp45, SKIIP, PRPF45, NCOA-62
Other Names	SNW domain-containing protein 1, Nuclear protein SkiP, Nuclear receptor coactivator NCoA-62, Ski-interacting protein, SNW1, SKIIP, SKIP
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SKIIP antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SKIIP antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SNW1
Function	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28076346, PubMed:28502770). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). Required for the specific splicing of CDKN1A pre-mRNA; the function probably involves the recruitment of U2AF2 to the mRNA. May recruit PPIL1 to the spliceosome. May be involved in cyclin- D1/CCND1 mRNA stability through the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. Involved in transcriptional regulation. Modulates TGF-beta-mediated transcription via association with SMAD proteins, MYOD1-mediated transcription via association with PABPN1,

RB1-mediated transcriptional repression, and retinoid-X receptor (RXR)- and vitamin D receptor (VDR)-dependent gene transcription in a cell line-specific manner probably involving coactivators NCOA1 and GRIP1. Is involved in NOTCH1-mediated transcriptional activation. Binds to multimerized forms of Notch intracellular domain (NICD) and is proposed to recruit transcriptional coactivators such as MAML1 to form an intermediate preactivation complex which associates with DNA-bound CBF-1/RBPJ to form a transcriptional activation complex by releasing SNW1 and redundant NOTCH1 NICD.

Cellular Location Nucleus

References

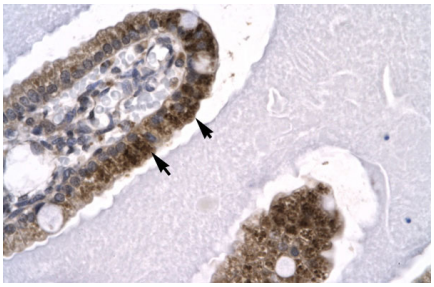
Figueroa,J.D., et al., (2004) Eur.Res.Commun.319(4),1105-1109Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images

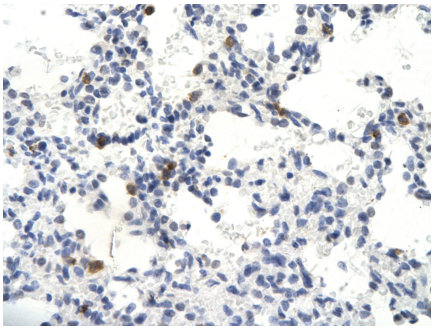


WB Suggested Anti-SKIIP Antibody Titration: .2-1 ug/ml
Positive Control: Jurkat cell lysate

SNW1 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Human Intestine



Rabbit Anti-SKIIP antibody
Catalog Number:AI1339
Paraffin Embedded Tissue: Human Lung cell
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.-8. ug/ml
Magnification:4X

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.