

## Product datasheet for **TA306036**

### **NCOA62 (SNW1) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL, ICC: 20 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SkiP antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human SkiP .
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	SNW domain containing 1
Database Link:	<a href="#">NP_036377</a>

[Entrez Gene 66354 Mouse](#)[Entrez Gene 500695 Rat](#)[Entrez Gene 22938 Human Q13573](#)

**Background:** TGF-beta and the bone morphogenic proteins (BMPs) are key signaling proteins that regulate numerous cellular processes such as embryonic development and tumorigenesis (1). Both signal through the Smad protein family and are negatively regulated by Ski and SnoN, two related proto-oncoproteins (2,3). Ski functions by binding to the Smad proteins activated by TGF-beta and the (BMPs) and preventing their phosphorylation, inhibiting their ability to bind DNA and activate the transcription of downstream genes (4,5). SkiP was originally identified as a Ski-interacting protein (6) and was later found to augment the signals induced by TGF-beta but inhibit transcription induced by BMP-2 (7) in C2C12 cells, suggesting that SkiP is a key player in the signaling cascades initiated by TGF-beta and the BMP protein family.



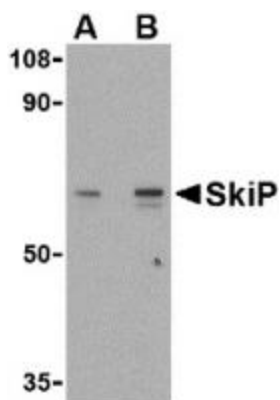
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**Synonyms:** Bx42; NCOA-62; Prp45; PRPF45; SKIIP; SKIP

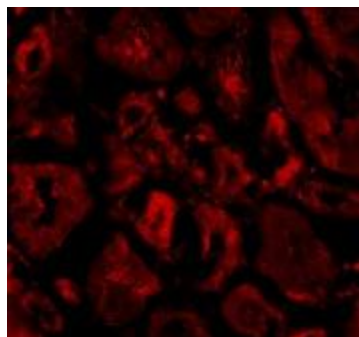
**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Notch signaling pathway, Spliceosome

**Product images:**



Western blot analysis of SkiP in mouse skeletal muscle tissue lysate with SkiP antibody at (A) 0.5 and (B) 1 ug/mL.



Immunofluorescence of Ski in human kidney tissue with Ski antibody at 20 ug/mL.