
SkiP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253364

Unit: 0.1 mg

Description:

TGF-beta and the bone morphogenic proteins (BMPs) are key signaling proteins that regulate numerous cellular processes such as embryonic development and tumorigenesis. Both signal through the Smad protein family and are negatively regulated by Ski and SnoN, two related proto-oncoproteins. 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. SkiP was originally identified as a Ski-interacting protein and was later found to augment the signals induced by TGF-beta but inhibit transcription induced by BMP-2 in C2C12 cells, suggesting that SkiP is a key player in the signaling cascades initiated by TGF-beta and the BMP protein family.

Isotype: Rabbit Ig

Applications: E, WB, IF

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: SkiP; Ski-interacting protein; SNW1; nuclear receptor coactivator NcoA-62

Accession No.: NP_036377

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human SkiP.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IF: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.