

Nur für Forschungszwecke

SMAD1 Polyklonaler Antikörper

Katalog-Nr.: 10429-1-AP

20 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10429-1-AP	GenBank-Zugangsnummer: BC001878	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 850 µg/ml von Nanodrop;	GeneID (NCBI): 4086	Empfohlene Verdünnungen: WB 1:1000-1:8000 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: SMAD family member 1	IF 1:10-1:100
Isotyp: IgG	Berechnete Masse: 52 kDa	
Immunogen Katalognummer: AG0701	Beobachtete Masse: 52 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IP, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: WB	WB: HT-1080.Zellen, HeLa-Zellen, HepG2-Zellen, Mausherzgewebe
Getestete Reaktivität: Human, Maus	IP: Mausherzgewebe,
Zitierte Arten: Human, Maus, Ratte	IF: HeLa-Zellen, HepG2-Zellen

Hintergrundinformationen

Transforming growth factor- β (TGF- β) superfamily is recognized as one of the largest families of secreted multifunctional peptides exerting different biological effects on a large variety of cell types, such as regulation of hormone secretion, stimulation of extracellular matrix formation, the inhibition of proliferation of many cell types, cell survival, bone formation, and chemotaxis for inflammatory cells. One of the most important proteins that modulate TGF- β ligand activity is the SMAD family proteins. SMAD1 is one of the receptor-activated Smads. It's also a signal transducers of BMP signaling and binds to several proteins involved in ubiquitin-proteasome system (UPS). Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xiangrong Cui	28983616	Mol Med Rep	WB
Xueni Wang	32879393	Sci Rep	WB
Tianmiao Huang	34743989	Biochim Biophys Acta Gen Subj	WB

Lagerung

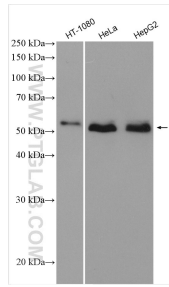
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

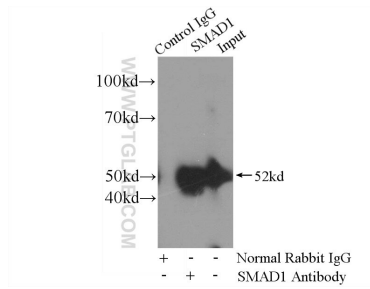
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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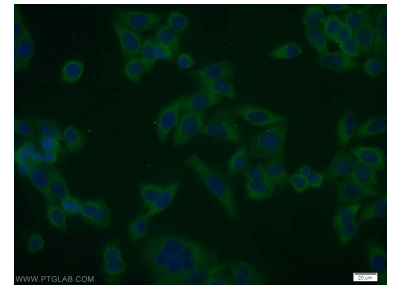
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 10429-1-AP (SMAD1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP Result of anti-SMAD1 (IP:10429-1-AP, 4ug; Detection:10429-1-AP 1:500) with mouse heart tissue lysate 8000ug.



Immunofluorescent analysis of HeLa cells using 10429-1-AP (SMAD1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).