

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SMAD4



Numéro de catalogue: 51069-2-AP

4 Publications

Informations de base

Numéro de catalogue:

51069-2-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC002379

Identification du gène (NCBI):

4089

Nom complet:

SMAD family member 4

MW calculé

60 kDa

MW observés:

63 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2400

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules A431, cellules A549, cellules COLO 320, cellules HEK-293, cellules HepG2, cellules MCF-7, cellules PC-3

IHC : tissu d'amygdalite humain, tissu cardiaque humain, tissu de cancer du foie humain, tissu de cancer du poumon humain

IF : cellules HepG2,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

Mammalian homologs of the Drosophila Mad gene include Smad1, Smad2, Smad3, Smad4 (DPC4), Smad5, Smad6, Smad7 and Smad8. Smad1 and Smad5 are effectors of BMP2 and BMP4 function while Smad2 and Smad3 are involved in TGF and activin-mediated growth modulation. Smad4 has been shown to mediate all of the above activities through interaction with various Smad family members. Smad6 and Smad7 regulate the response to activin/ TGF signaling by interfering with TGF-mediated phosphorylation of other Smad family members. This antibody is a rabbit polyclonal antibody raised against a peptide mapping within human SMAD4.

Publications notables

Autrice	Pubmed ID	Journal	Application
X Liu	36281726	Physiol Res	WB,IF
Jing Li	32738709	Chemosphere	WB
Reiko Iida	34883249	Biochim Biophys Acta Mol Basis Dis	WB,IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

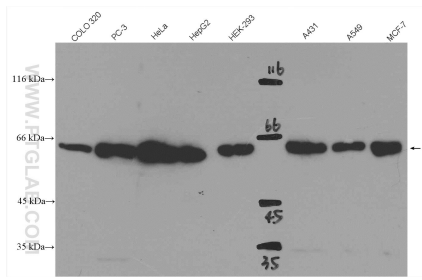
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

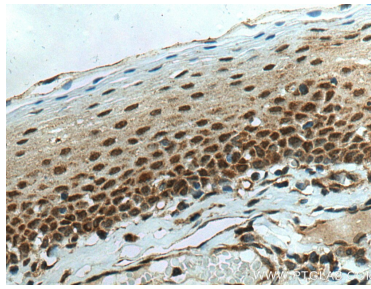
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

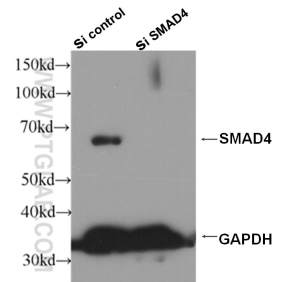
Données de validation sélectionnées



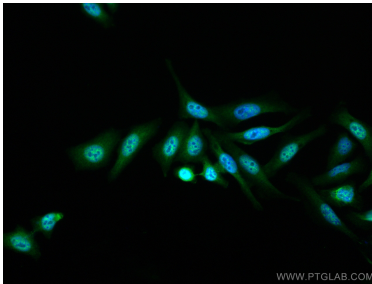
Various lysates were subjected to SDS PAGE followed by western blot with 51069-2-AP (SMAD4 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



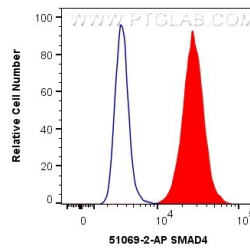
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 51069-2-AP (SMAD4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of SMAD4 antibody (51069-1-AP, 1:1000) with sh-control and sh-SMAD4 transfected HepG2 cells.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SMAD4 antibody (51069-2-AP) at dilution of 1:400 and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 HepG2 cells were intracellularly stained with 0.5 μ g Anti-Human SMAD4 (51069-2-AP) and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.5 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).