

SMAD6 Antibody

Catalog No: #48465

Package Size: #48465-1 50ul #48465-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

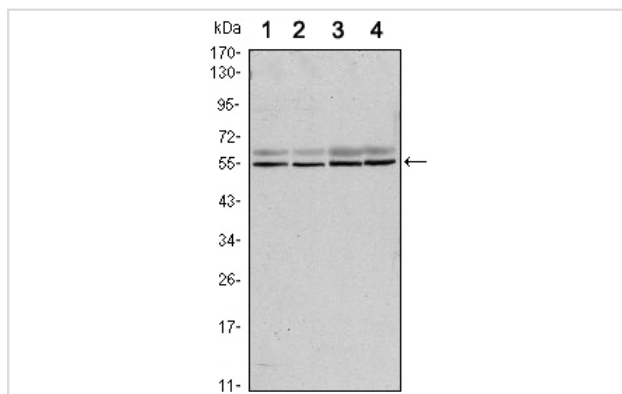
Description

Product Name	SMAD6 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	H6-H3
Purification	ProA affinity purified
Applications	WB
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	hSMAD6 antibody MAD homolog 6 antibody MADH6 antibody MADH7 antibody Mothers against decapentaplegic homolog 6 antibody Mothers against DPP homolog 6 antibody SMAD 6 antibody SMAD family member 6 antibody SMAD mothers against DPP homolog 6 antibody Smad6 antibody SMAD6_HUMAN antibody
Accession No.	Swiss-Prot#:O43541
Uniprot	O43541
GeneID	4091;
Calculated MW	53 kDa
Formulation	1*TBS (pH7.4), 1%BSA, Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1,000

Images



Western blot analysis of SMAD6 on different cell lysates using anti-SMAD6 antibody at 1/1,000 dilution. Positive control 1/20 1/2 Lane1: A431 Lane2: A431 Lane3: Hela Lane4: Jurkat

Background

Smad proteins, the mammalian homologs of the *Drosophila* Mothers against dpp (Mad) have been implicated as downstream effectors of TGF β /BMP

signaling. Smad1 (also designated Madr1 or JV4-1), Smad5 and mammalian Smad8 (also designated Smad9 or MADH6) are effectors of BMP2 and BMP4 function while Smad2 (also designated Madr2 or JV18-1) and Smad3 are involved in TGF β and activin-mediated growth modulation (2-5,8). Smad4 (also designated DPC4) 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 β signaling by interfering with TGF β -mediated phosphorylation of other Smad family members.

References

Note: This product is for in vitro research use only