

Anti-SMAD6 Antibody (4J476)

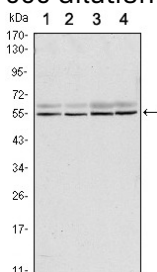
Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 53 kDa.
Clone:	4J476
Purification:	ProA affinity purified

Applications

Verified Activity:

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



Application:	WB
Recommended	WB: 1:500-1000;

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	O43541
Synonyms:	hSMAD6);Mothers against decapentaplegic homolog 6;MADH6;MAD homolog 6;Mothers against DPP homolog 6;Smad6;SMAD family member 6 (SMAD 6

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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