



Smad6 Polyclonal Antibody

Mothers against DPP homolog 6; SMAD family member 6; SMAD 6; Smad6; hSMAD6Observed Band62kDCell PathwayNucleus .Tissue SpecificityUbiquitous in various organs, with higher levels in lung. Isoform B is up-regulated in diseased heart tissue.Functionfunction:Antagonist of signaling by TGF-beta (transforming growth factor) type 1 receptor superfamily members; has been shown to inhibit selectively BMP (bone morphogenetic proteins) signaling by competing with the co-SMAD SMAD4 for receptor-activated SMAD1. SMAD6 is an inhibitory SMAD (I-SMAD) or antagonistic SMAD. Binds to regulatory elements in target promoter regions.,PTM:Phosphorylated by BMP type 1 receptor kinase and by PRKX.,similarity:Belongs to the dwarfin/SMAD family.,similarity:Contains 1 MH1 (MAD homology 1) domain.,similarity:Contains 1 MH2 (MAD homology 2) domain.,subunit:Interacts with NEDD4L (By similarity). Interacts with RNF111 an		
Reactivity Human;Mouse Applications WB;IHC;IF;ELISA Gene Name SMAD6 Protein Name Mothers against decapentaplegic homolog 6 Immunogen The antiserum was produced against synthesized peptide derived from human Smad6. AA range:323-372 Specificity Smad6 Polyclonal Antibody detects endogenous levels of Smad6 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms SMAD6; MADH6; Mothers against decapentaplegic homolog 6; MAD homolog 6 Mothers against DPP homolog 6; SMAD family member 6; SMAD 6; Smad6; hSMAD6 Observed Band 62kD Cell Pathway Nucleus . Tissue Specificity Ubiquitous in various organs, with higher levels in lung. Isoform B is up-regulated in diseased heart tissue. Function function:Antagonist of signaling by CGF-beta (transforming growth factor) type 1 receptor signaling by TGF-beta (transforming growt	Catalog No	BYab-02019
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Nanjing BYabscience technology Co.,Ltd

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	AXIN1. Interacts with TGF-beta type I receptor superfamily members, SMAD1, HOXC8 and HOXC9. Interacts with STAMBP and PRKX.,tissue specificity:Ubiquitous in various organs, with higher levels in lung. Isoform B is up-regulated in diseased he
Background	The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants have been found for this gene.[provided by RefSeq, Sep 2014],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

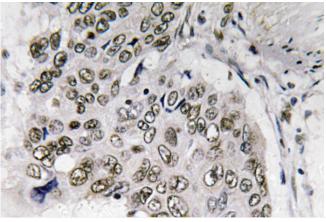
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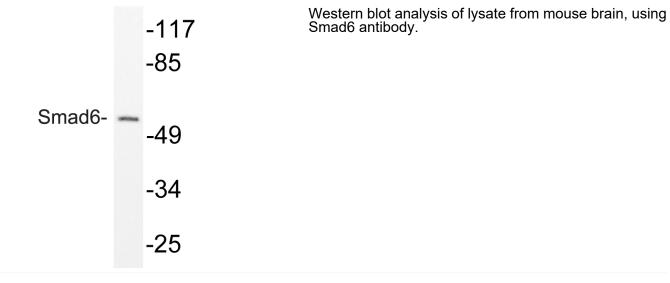
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Immunohistochemistry analysis of Smad6 antibody in paraffin-embedded human lung carcinoma tissue.



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