

SMAD7 antibody

Product Information

Catalog No.:	FNab07999
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Antagonist of signaling by TGF-beta(transforming growth factor) type 1 receptor superfamily members; has been shown to inhibit TGF-beta(Transforming growth factor) and activin signaling by associating with their receptors thus preventing SMAD2 access. Functions as an adapter to recruit SMURF2 to the TGF-beta receptor complex. Also acts by recruiting the PPP1R15A-PP1 complex to TGFBR1, which promotes its dephosphorylation. Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a negative regulator(By similarity).

Immunogen information

Immunogen:	SMAD family member 7
Synonyms:	Mothers against decapentaplegic homolog 7 (MAD homolog 7, Mothers against DPP homolog 7) Mothers against decapentaplegic homolog 8 (MAD homolog 8, Mothers against DPP homolog 8) SMAD family member 7 (SMAD 7, Smad7, hSMAD7) SMAD7 MADH7 MADH8
Observed MW:	46 kDa
Uniprot ID :	O15105

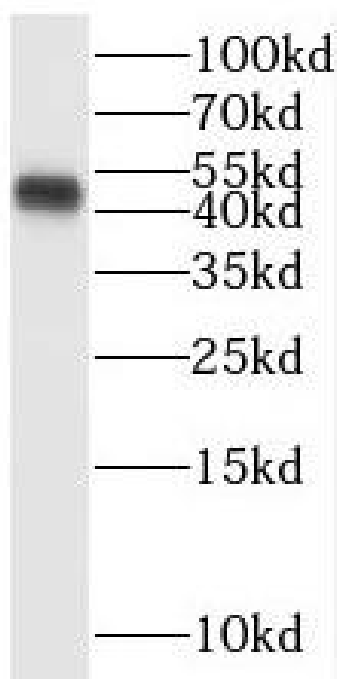
Application

Reactivity:	Human, Mouse
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



mouse liver tissue were subjected to SDS PAGE
followed by western blot with
FNab07999(SMAD7 antibody) at dilution of 1:600