

Anti-Smad1/5/9 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012794

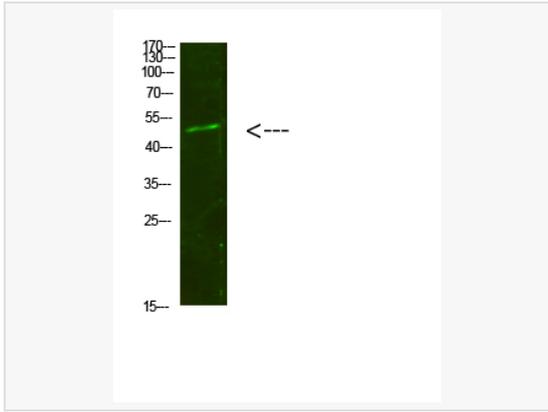
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthesized peptide derived from human Smad1/5/9.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Smad1/5/9 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Mothers against decapentaplegic homolog 1/5/9, MAD homolog 1, Mothers against DPP homolog 1, JV4-1, Mad-related protein 1, SMAD family member 1, SMAD 1/5/9, Smad1, hSMAD1, Transforming growth factor-beta-signaling protein 1, BSP-1.
Calculated MW	Calculated MW: 52 kDa; Observed MW: 52 kDa
Uniprot ID	Q15797, Q99717, O15198
Gene ID	4086/4090/4093
Background	Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1. May act synergistically with SMAD4 and YY1 in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression.

Validation Images



Western blot analysis of Smad1/5/9 in 293T lysates using Smad1/5/9 antibody.