
Product Name: Smad1/5/9 Rabbit Polyclonal Antibody**Catalog #: APRab03822**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 52 kDa

Antigen Information

Gene Name	SMAD1/SMAD5/SMAD9 Mothers against decapentaplegic homolog 1/5/9; MAD homolog 1; Mothers against DPP
Alternative Names	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
Gene ID	4086/4090/4093
SwissProt ID	Q15797/Q99717/O15198
Immunogen	

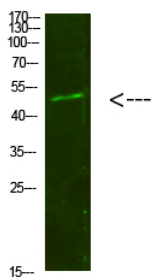
Background

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.

Research Area

Signal Transduction

Image Data



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