
Summary

Production Name	Smad1/5/9 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

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

Application

Dilution Ratio	WB: 1/500-1/1000 ELISA: 1/10000
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 52 kDa

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



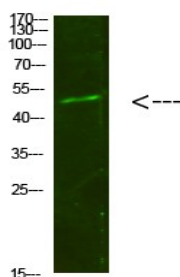
Background

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.

Note

For research use only.