

## Anti-Smad1/5/9 Rabbit Polyclonal Antibody

### Introduction

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.

### Product parameters

Alternative Names	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
Gene ID	4086/4090/4093
Gene Name	SMAD1/SMAD5/SMAD9
SwissProt ID	Q15797/Q99717/O15198
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 52 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Polyclonal Antibody
Clonality No.	-
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	Synthesized peptide derived from human Smad1/5/9.
Purification	Affinity Purified
Buffer System	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Application	WB, ELISA
Dilution Ratio	WB: 1/500-1/1000 ELISA: 1/10000
Research Field	Signal Transduction

Product Categories	Primary antibody
Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.



## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



**APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

