

Product Name: Phospho-Smad1 (Ser463/Ser465) Rabbit Monoclonal Antibody
Catalog #: AMRe84918

Summary

Production Name	Phospho-Smad1 (Ser463/Ser465) Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-Smad1 (Ser463/Ser465) SMAD1; BSP1; MADH1; MADR1; Mothers against decapentaplegic homolog 1; MAD homolog 1; Mothers against DPP homolog 1; JV4-1; Mad-related protein 1; SMAD family member 1; SMAD 1; Smad1; hSMAD1; Transforming growth factor-beta-signaling protein
Alternative Names	
Gene ID	4086.0
SwissProt ID	Q15797.A synthetic phosphopeptide corresponding to residues surrounding Ser463/Ser465 of human Smad1

Application

Product Name: Phospho-Smad1 (Ser463/Ser465) Rabbit Monoclonal Antibody
Catalog #: AMRe84918

Dilution Ratio	WB 1:500-1:1000, IP 1:10-1:20
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 52 kDa

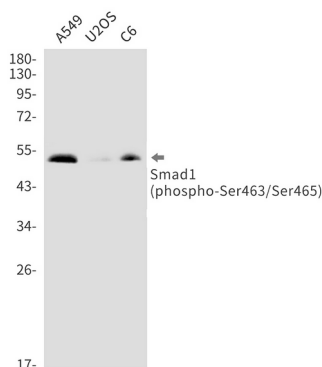
Background

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

TGF-beta signaling pathway

Image Data



Western blot analysis of Phospho-Smad1 (Ser463/Ser465) in A549, U2OS, C6 lysates using Phospho-Smad1 (Ser463/Ser465) antibody.

Note

For research use only.