Product Datasheet

Smad2 (phospho-Ser465/467) rabbit pAb

Catalog No: #13518

Package Size: #13518-1 50ul #13518-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Smad2 (phospho-Ser465/467) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	This antibody detects endogenous levels of Human Mouse Rat Smad2 (phospho-Ser465 or 467)
Immunogen Description	Synthesized phosho peptide around human Smad2 (Ser465 and 467)
Other Names	Mothers against decapentaplegic homolog 2 (MAD homolog 2) (Mothers against DPP homolog 2) (JV18-1) (Mad-related protein 2) (hMAD-2) (SMAD family member 2) (SMAD 2) (Smad2) (hSMAD2)
Accession No.	Swiss Prot:Q15796GeneID:4087
Uniprot	Q15796
GeneID	4087
SDS-PAGE MW	58
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

WB 1:1000-2000

Background

SMAD family member 2(SMAD2) Homo sapiens The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein mediates the signal of the transforming growth factor (TGF)-beta, and thus regulates multiple cellular processes, such as cell proliferation, apoptosis, and differentiation. This protein is recruited to the TGF-beta receptors through its interaction with the SMAD anchor for receptor activation (SARA) protein. In response to TGF-beta signal, this protein is phosphorylated by the TGF-beta receptors. The phosphorylation induces the dissociation of this protein with SARA and the association with the family member SMAD4. The association with SMAD4 is important for the translocation

Note: This product is for in vitro research use only