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Product datasheet for TA348866

SMAD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Phospho-Smad1 (Ser187) Antibody: A synthesized peptide derived from human Smad1 around the phosphorylation site of Serine 187
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 ?.Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 55 kDa
Gene Name:	SMAD family member 1
Database Link:	NP_005891 Entrez Gene 17125 MouseEntrez Gene 4086 Human Q15797
Background:	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.
Synonyms:	BSP-1; BSP1; JV4-1; JV41; MADH1; MADR1

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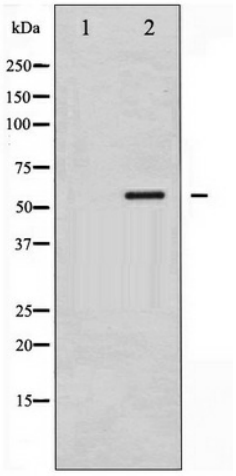
Note: Phospho-Smad1 (Ser187) Antibody detects endogenous levels of Smad1 only when phosphorylated at Serine 187

Protein Families: Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - JAK/STAT signaling pathway, Stem cell relevant signaling - TGFb/BMP signaling pathway, Transcription Factors

Protein Pathways: TGF-beta signaling pathway

Product images:



Western blot analysis of Smad1 phosphorylation expression in Mouse muscletissue lysates, the lane on the left is treated with the antigen-specific peptide.