

Product datasheet for **TA323504**

SMAD1 Rabbit Polyclonal Antibody

Product data:

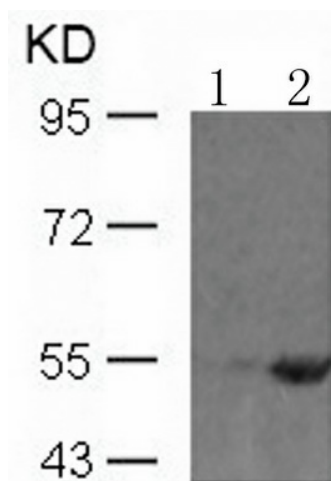
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of serine 465 (I-S-S-V-S(p)) derived from Human Smad1.
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	SMAD family member 1
Database Link:	NP_005891 Entrez Gene 17125 Mouse Entrez Gene 25671 Rat Entrez Gene 4086 Human Q15797
Background:	Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD).
Synonyms:	BSP-1; BSP1; JV4-1; JV41; MADH1; MADR1
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



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Protein Pathways: TGF-beta signaling pathway

Product images:



Predicted band size: 52 kDa. Positive control: HeLa cells treated with PMA lysate. Recommended dilution: 1/ 500-1000. (Gel: 10%SDS-PAGE Lane 1: HeLa cells untreated with PMA lysate Lane 2: HeLa cells treated with PMA lysate Lysates: 30 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)