

Product datasheet for **TA310020**

SMAD2 Rabbit Polyclonal Antibody

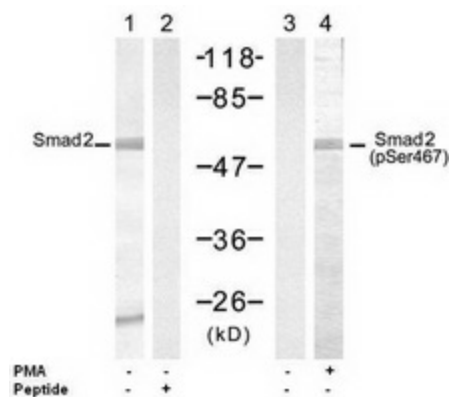
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antibody was produced against synthesized phosphopeptide derived from human Smad2 around the phosphorylation site of serine 467 (C-S-S-M-SP).
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	SMAD family member 2
Database Link:	NP_005892 Entrez Gene 17126 Mouse Entrez Gene 29357 Rat Entrez Gene 4087 Human Q15796
Synonyms:	hMAD-2; hSMAD2; JV18; JV18-1; MADH2; MADR2
Protein Families:	Cancer stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Stem cell relevant signaling - JAK/STAT signaling pathway, Stem cell relevant signaling - TGFb/BMP signaling pathway, Transcription Factors
Protein Pathways:	Adherens junction, Cell cycle, Colorectal cancer, Pancreatic cancer, Pathways in cancer, TGF-beta signaling pathway, Wnt signaling pathway



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Product images:



Western blot analysis of extracts from 293 cells untreated or treated with PMA (200nM, 30min), using Smad2 antibody (Lanes 1 and 2) and Smad2 (phospho-Ser467) antibody (Lanes 3 and 4).