

Rabbit anti-Human, Mouse Smad1 Polyclonal Antibody | anti-Smad1 antibody

Smad1 (Phospho-Ser187) Antibody

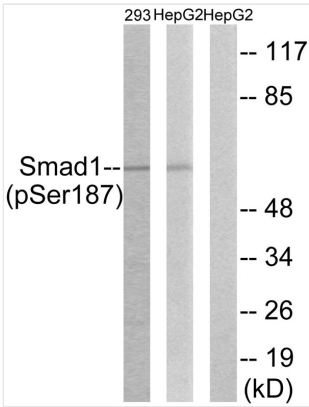
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316380	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Smad1; Polyclonal Antibody; Smad1 (Phospho-Ser187) Antibody; BSP-1; BSP1; Dwarf1-A; Dwf-A; JV4-1; MADH1; MADR1; Mad-related protein 1; Mad1; Mothers against DPP homolog 1; Mothers against decapentaplegic homolog 1; Mothers-against-DPP-related-1; SMAD 1; Smad 1; Transforming growth factor- beta signaling protein-1; anti-Smad1 antibody

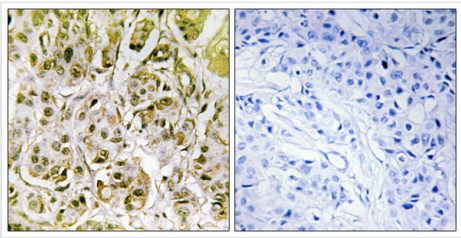
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Smad1 (Phospho-Ser187) Antibody detects endogenous levels of Smad1 only when phosphorylated at Ser187.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	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	1 mg/ml (varies by lot)
Sequence Length	137
Applicable Applications for anti-Smad1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S187; M:S187
Immunogen	The antiserum was produced against synthesized peptide derived from human Smad1 around the phosphorylation site of Ser187.
Immunogen Range	153-202
Preparation and Storage	Stable at -20 degree C for at least 1 year.



WB (Western Blot)

Western blot analysis of lysates from 293 cells and HepG2 cells, using Smad1 (Phospho-Ser187) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Smad1 (Phospho-Ser187) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51173727
NCBI GeneID	4086
NCBI Accession #	NP_001003688.1
NCBI GenBank Nucleotide #	NM_001003688.1
UniProt Accession #	Q15797; Q16636; Q9UFT8; A8KAJ0; D3DNZ9
Molecular Weight	52 kDa
NCBI Official Full Name	mothers against decapentaplegic homolog 1
NCBI Official Synonym Full Names	SMAD family member 1
NCBI Official Symbol	SMAD1
NCBI Official Synonym Symbols	BSP1; JV41; BSP-1; JV4-1; MADH1; MADR1
NCBI Protein Information	mothers against decapentaplegic homolog 1
UniProt Protein Name	Mothers against decapentaplegic homolog 1
UniProt Gene Name	SMAD1
UniProt Synonym Gene Names	BSP1; MADH1; MADR1; MAD homolog 1; Mothers against DPP homolog 1; SMAD 1; Smad1; hSMAD1; BSP-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.