

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

Smad1 (Phospho-Ser187) Antibody

CATALOG # AAA110736	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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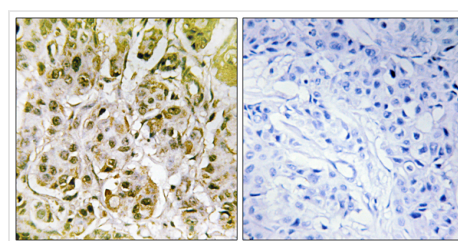
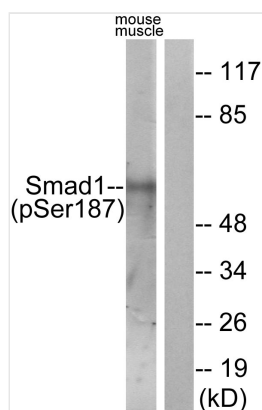
PRODUCT SYNONYMS

Smad1; 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

Reactivity	Human, Mouse
Specificity	Smad1 (Phospho-Ser187) antibody detects endogenous levels of Smad1 only when phosphorylated at serine 187.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	465
Applicable Applications for anti-Smad1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Smad1 around the phosphorylation site of serine 187(P-H-SP-P-N, CPFPHSPPNSS).
All Sites	Human: Ser187 Mouse: Ser187
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Smad1 (Phospho-Ser187) antibody. Western blot analysis of extracts from mouse muscle cells, using Smad1 (Phospho-Ser187) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Smad1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Riggins G.J., Nat. Genet. 13:347-349(1996). Liu F., Nature 381:620-623(1996). Hoodless P.A., Cell 85:489-500(1996).

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	15,406 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/smad1/110736>