

Smad3 Antibody | anti-Smad3 antibody

Smad3 (Phospho-Ser208) Antibody

CATALOG # AAA267556	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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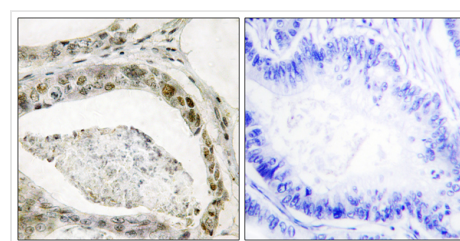
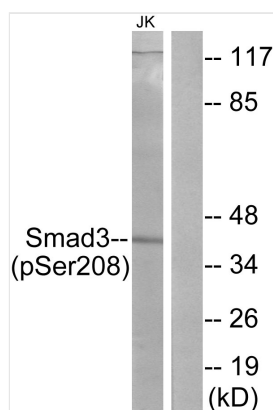
PRODUCT SYNONYMS

Smad3; Smad3 (Phospho-Ser208) Antibody; JV15-2; MAD-3; MADH3; Mad3; Mothers against DPP homolog 3; Mothers against decapentaplegic homolog 3; SMAD 3; Smad 3; anti-Smad3 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Smad3 (Phospho-Ser208) antibody detects endogenous levels of Smad3 only when phosphorylated at serine 208.
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	320
Applicable Applications for anti-Smad3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Smad3 around the phosphorylation site of serine 208 (N-L-SP-P-N).
All Sites	Human: Ser208 Mouse: Ser208 Rat: Ser208
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Smad3 (Phospho-Ser208) antibody. Western blot analysis of extracts from Jurkat cells, using Smad3 (Phospho-Ser208) antibody.

ADDITIONAL INFORMATION

References	Wen Zhang. J. Biol. Chem., Dec 2000; 275: 39237. Brendan D. Looyenga. Mol. Endocrinol., Jul 2007; 10.1210/me.2006-0402. Jian Xu. J Androl, Mar 2003; 24: 192.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223029440
NCBI GeneID	4088
NCBI Accession #	NP_001138574.1
NCBI GenBank Nucleotide #	NM_001145102.1
UniProt Accession #	P84022; O09064; O09144; O14510; O35273; Q92940; Q93002; A8K4B6; B7Z4Z5; B7Z6M9; B7Z9Q2; F5H383
Molecular Weight	25,722 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 3 isoform 2
NCBI Official Synonym Full Names	SMAD family member 3
NCBI Official Symbol	SMAD3
NCBI Official Synonym Symbols	LDS3; LDS1C; MADH3; JV15-2; HSPC193; HsT17436
NCBI Protein Information	mothers against decapentaplegic homolog 3
UniProt Protein Name	Mothers against decapentaplegic homolog 3
UniProt Gene Name	SMAD3
UniProt Synonym Gene Names	MADH3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; SMAD 3; Smad3; hSMAD3

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-rat-antibody/smad3/267556>