

Rabbit SMAD2 Polyclonal Antibody | anti-SMAD2 antibody

SMAD2 antibody

CATALOG # AAA224970	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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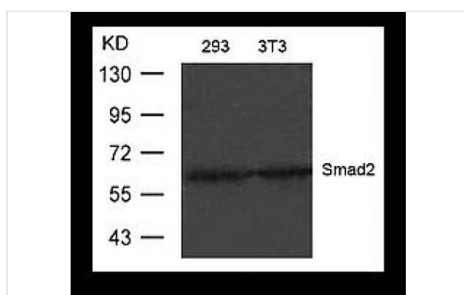
PRODUCT SYNONYMS

SMAD2; Polyclonal Antibody; SMAD2 antibody; Rabbit polyclonal SMAD2 antibody; Polyclonal SMAD2 antibody; Anti-SMAD2 antibody; SMAD 2 antibody; SMAD 2; SMAD-2 antibody; SMAD family member 2 antibody; SMAD-2; MADH2 antibody; MADR2 antibody; Mothers against DPP homolog 2 antibody; Ab 220 antibody; anti-SMAD2 antibody

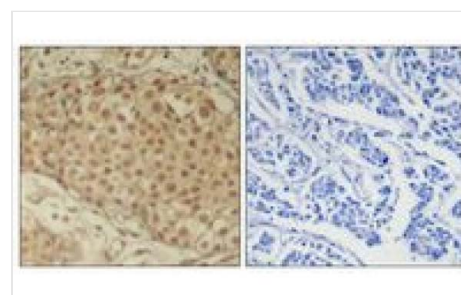
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	467
Applicable Applications for anti-SMAD2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	SMAD2 antibody was raised in Rabbit using the peptide sequence around aa 218~222 (P-E-T-P-P) derived from Human Smad2 as the immunogen.
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of extracts from 293 and 3T3 cells using Smad2 antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Smad2 antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-SMAD2 antibody	SMAD2 belongs to the SMAD, a family of proteins similar to the gene products of theDrosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signaltransducers and transcriptional modulators that mediate multiple signaling pathways. This protein mediates the signalof the transforming growth factor (TGF)-beta, and thus regulates multiple cellular processes, such as cellproliferation, apoptosis, and differentiation. This protein is recruited to the TGF-beta receptors through itsinteraction with the SMAD anchor for receptor activation (SARA) protein.
Product Categories/Family for anti-SMAD2 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	2967646
Molecular Weight	48,956 Da
NCBI Official Full Name	Smad2
UniProt Protein Name	Mothers against decapentaplegic homolog 2
UniProt Gene Name	SMAD2
UniProt Synonym Gene Names	MADH2; MADR2; MAD homolog 2; Mothers against DPP homolog 2; hMAD-2; SMAD 2; Smad2; hSMAD2

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://www.aaabiotech.com/polyclonal/smad2-antibody-western-blot-immunohistochemistry-elisa/224970>