

Rabbit Smad2 Polyclonal Antibody | anti-Smad2 antibody

Smad2 (Ab-467) Antibody

CATALOG # AAA307974	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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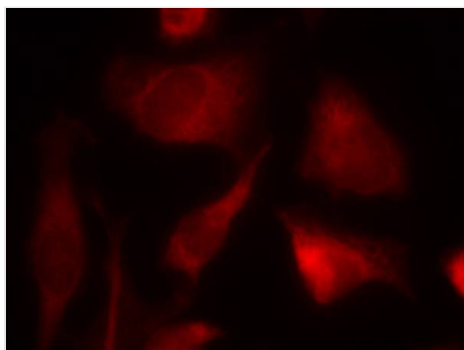
PRODUCT SYNONYMS

Smad2; Polyclonal Antibody; Smad2 (Ab-467) Antibody; Mad-related protein 2; anti-Smad2 antibody

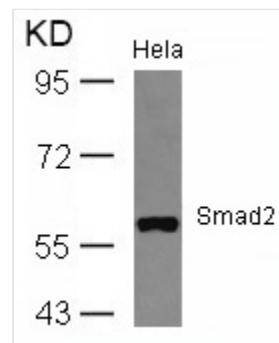
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total Smad2 protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	467
Applicable Applications for anti-Smad2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 463~467 (C-S-S-M-S) derived from Human Smad2.
Target Name	Smad2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES


IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using Smad2(Ab-467) Antibody.


WB (Western Blot)

Western blot analysis of extracts from HeLa cells using Smad2(Ab-467) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Smad2 antibody	Transcriptional modulator activated by TGF-beta and activin type 1 receptor kinase. SMAD2 is a receptor-regulated SMAD (R-SMAD). May act as a tumor suppressor in colorectal carcinoma.
Product Categories/Family for anti-Smad2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	51173730
NCBI GeneID	4087
NCBI Accession #	NP_001003652.1
NCBI GenBank Nucleotide #	NM_001003652.3
UniProt Accession #	Q15796
Molecular Weight	48,956 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 2 isoform 1
NCBI Official Synonym Full Names	SMAD family member 2
NCBI Official Symbol	SMAD2
NCBI Official Synonym Symbols	JV18; MADH2; MADR2; JV18-1; hMAD-2; hSMAD2
NCBI Protein Information	mothers against decapentaplegic homolog 2
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
UniProt Entry Name	SMAD2_HUMAN

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-immunofluorescence-western-blot-elisa/307974>