

Rabbit SMAD7 Polyclonal Antibody | anti-SMAD7 antibody

SMAD7 antibody - N-terminal region

CATALOG # AAA197272	HOST Rabbit	REACTIVITY Cow, Dog, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot
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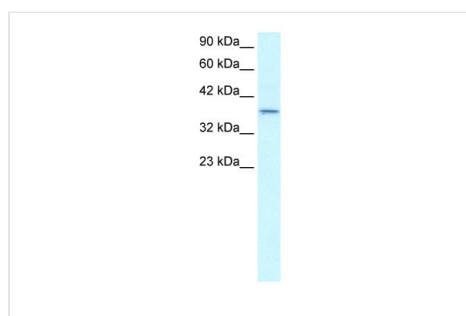
PRODUCT SYNONYMS

SMAD7; Polyclonal Antibody; SMAD7 antibody - N-terminal region; anti-SMAD7 antibody

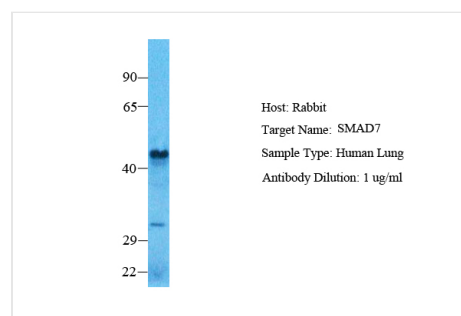
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EE EGAGGGGGGG ELRGEGATDS RAHGAGGGGP GRAGCCLGKA VRGAKGHH
Sequence Length	426
Applicable Applications for anti-SMAD7 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Human: 100%; Mouse: 92%; Pig: 93%; Rabbit: 93%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SMAD7
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Antibody Titration: 0.2-1 ug/ml Positive Control: Lung


WB (Western Blot)

Host: Rabbit Target Name: SMAD7 Sample Type: Human Lung Antibody Dilution: 1.0 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SMAD7 antibody	This is a rabbit polyclonal antibody against SMAD7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Smad7 acts to functionally inactivate RB and de-repress E2F without blocking the activation of TbetaR1 and the nuclear translocation of Smad2/3, allowing TGF-beta1 to exert effects in a cancer cell that is resistant to TGF-beta1-mediated growth inhibition.
Product Categories/Family for anti-SMAD7 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174517
NCBI GeneID	4092
NCBI Accession #	NP_005895
NCBI GenBank Nucleotide #	NM_005904
UniProt Accession #	O15105
Molecular Weight	46kDa
NCBI Official Full Name	mothers against decapentaplegic homolog 7 isoform 1
NCBI Official Synonym Full Names	SMAD family member 7
NCBI Official Symbol	SMAD7
NCBI Official Synonym Symbols	CRCS3; MADH7; MADH8
NCBI Protein Information	mothers against decapentaplegic homolog 7
UniProt Protein Name	Mothers against decapentaplegic homolog 7
UniProt Gene Name	SMAD7
UniProt Synonym Gene Names	MADH7; MADH8; MAD homolog 7; Mothers against DPP homolog 7; MAD homolog 8; Mothers against DPP homolog 8; SMAD 7; Smad7; hSMAD7
UniProt Entry Name	SMAD7_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.