

Rabbit SMAD6 Polyclonal Antibody | anti-SMAD6 antibody

SMAD6 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197430	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

SMAD6; Polyclonal Antibody; SMAD6 antibody - N-terminal region; anti-SMAD6 antibody

PRODUCT SPECIFICATIONS

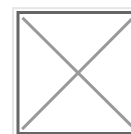
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AP RDASDPLAGA ALEPAGGGRS REARSRLLL EQELKTVTYS LLKR
Sequence Length	496
Applicable Applications for anti-SMAD6 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 91%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SMAD6
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



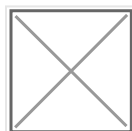
WB (Western Blot)

WB Suggested Anti-SMAD6 Antibody Titration: 0.5-1.0ug/ml
Positive Control: Jurkat cell lysate
There is BioGPS gene expression data showing that SMAD6 is expressed in Jurkat



IHC (Immunohistochemistry)

Human Lung



IHC (Immunohistochemistry)

Human Heart

ADDITIONAL INFORMATION

Related Product Information for anti-SMAD6 antibody	This is a rabbit polyclonal antibody against SMAD6. It was validated on Western Blot and immunohistochemistry Target Description: SMAD6 (mothers against decapentaplegic homolog 6) is an antagonist of signaling by TGF-beta (transforming growth factor) type 1 receptor superfamily members; has been shown to inhibit selectively BMP (bone morphogenetic proteins) signaling by competing with the co-SMAD SMAD4 for receptor-activated SMAD1. SMAD6 is an inhibitory SMAD (I-SMAD) or antagonistic SMAD.
Product Categories/Family for anti-SMAD6 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Immunohistochemistry; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	115502451
NCBI GeneID	4091
NCBI Accession #	NP_005576
NCBI GenBank Nucleotide #	NM_005585
UniProt Accession #	O43541
Molecular Weight	53kDa
NCBI Official Full Name	Mothers against decapentaplegic homolog 6
NCBI Official Synonym Full Names	SMAD family member 6
NCBI Official Symbol	SMAD6
NCBI Official Synonym Symbols	AOVD2; MADH6; MADH7; HsT17432
NCBI Protein Information	mothers against decapentaplegic homolog 6
UniProt Protein Name	Mothers against decapentaplegic homolog 6
UniProt Gene Name	SMAD6
UniProt Synonym Gene Names	MADH6; MAD homolog 6; Mothers against DPP homolog 6; SMAD 6; Smad6; hSMAD6
UniProt Entry Name	SMAD6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/smad6-antibody-western-blot-immunohistochemistry-elisa/197430>