Rabbit smad7 Polyclonal Antibody | anti-SMAD7 antibody

Anti-smad7 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254641	**Rabbit**	**HumanPredicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)**	**Immunohistochemistry**

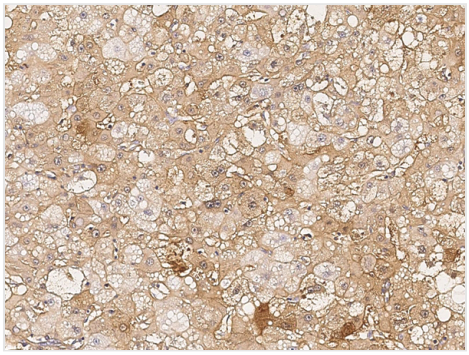
PRODUCT SYNONYMS

smad7; Polyclonal Antibody; Anti-smad7 Antibody; Rabbit Polyclonal; SMAD7 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CRCS3 Antibody; Anti-MADH7 Antibody; Anti-MADH8 Antibody; anti-SMAD7 antibody

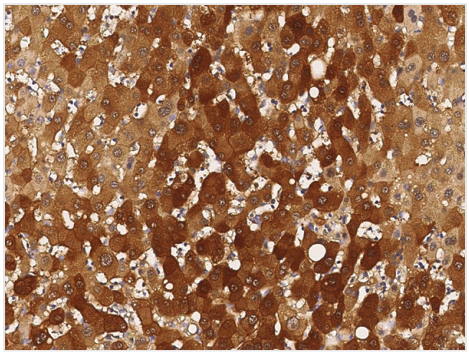
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human smad7
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SMAD7 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human SMAD7
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human SMAD7, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunochemical staining of human SMAD7 in human hepatoma with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human SMAD7 in human liver with rabbit polyclonal antibody (1:500, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SMAD7 antibody	SMAD7-epigenetic modified gene related to atherosclerosis. SMAD7 methylation as a novel marker in atherosclerosis and further elucidate the role of Hcy in atherogenesis. Atherosclerosis is a complicated process comprising inflammation, accumulation of collagen matrix and aberrant DNA methylation. SMAD7 is known to play an important role in fibrosis and inflammation. SMAD7 may be a novel predicted marker and therapeutic target for atherosclerosis. SMAD7 attenuated the TGF-beta signaling pathway in ovarian granulosa cells (GCs) by regulating TGFBR1 transcriptional activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18418630
NCBI GeneID	4092
UniProt Accession #	O15105; O14740; Q6DK23; B7Z773; K7EQ10
Molecular Weight	46,426 Da
NCBI Official Full Name	Smad7
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; hSMAD7; MAD homolog 8; mothers against DPP homolog 8; SMAD, mothers against DPP homolog 7; Mothers against decapentaplegic, drosophila, homolog of, 7; MAD (mothers against decapentaplegic, Drosophila) 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/smad7-antibody-immunohistochemistry-elisa/254641