Rabbit SMAD6 Polyclonal Antibody | anti-SMAD6 antibody

Rabbit anti-SMAD6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA221205	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

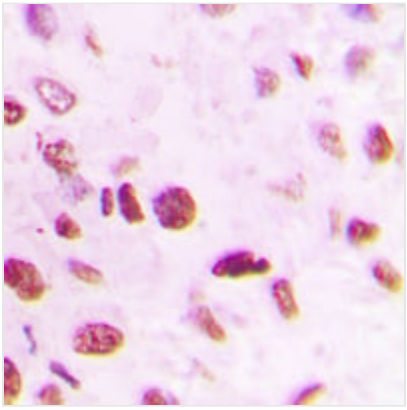
PRODUCT SYNONYMS

SMAD6; Polyclonal Antibody; Rabbit anti-SMAD6 Antibody; MADH6; Mothers against decapentaplegic homolog 6; MAD homolog 6; Mothers against DPP homolog 6; SMAD family member 6; SMAD 6; Smad6; hSMAD6; anti-SMAD6 antibody

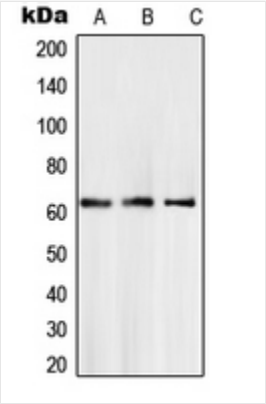
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SMAD6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SMAD6. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of SMAD6 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of SMAD6 expression in A204 (A), LN18 (B), L929 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMAD6 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	115502451
NCBI GeneID	4091
UniProt Accession #	O43541; O35182
Molecular Weight	496
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; MAD homolog 6; SMAD, mothers against DPP homolog 6; mothers against decapentaplegic, drosophila, homolog of, 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/smad6-antibody-immunohistochemistry-western-blot-elisa/221205