

Rabbit Smad1 Polyclonal Antibody | anti-SMAD1 antibody

Anti-Smad1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45437	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

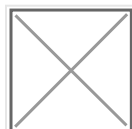
PRODUCT SYNONYMS

Smad1; Polyclonal Antibody; Anti-Smad1 antibody; Mothers against decapentaplegic homolog 1; SMAD family member 1; BSP-1 antibody; BSP1 antibody; Dwarf1 A antibody; DwfA antibody; HsMAD1 antibody; JV4 1 antibody; JV4-1 antibody; JV41 antibody; MAD homolog 1 antibody; MAD mothers against decapentaplegic homolog 1 antibody; Mad related protein 1 antibody; Mad-related protein 1 antibody; MADH1 antibody; Madr 1 antibody; MADR1 antibody; Mothers against decapentaplegic homolog 1 antibody; Mothers against DPP homolog 1 antibody; SMA- AND MAD-RELATED PROTEIN 1 antibody; SMAD 1 antibody; SMAD family member 1 antibody; SMAD mothers against DPP homolog 1 antibody; SMAD mothers against DPP homolog 1 Drosophila antibody; Smad1 antibody; SMAD1_HUMAN antibody; Spinal muscular atrophy distal with upper limb predominance antibody; TGF beta signaling protein 1 antibody; Transforming growth factor beta signaling protein 1 antibody; Transforming growth factor-beta-signaling protein 1 antibody; anti-SMAD1 antibody

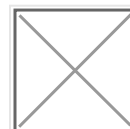
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	465
Applicable Applications for anti-SMAD1 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Smad1 (253-267aa AEISRGDVQAVAYEE), different from the related rat sequence by one amino acid, and different from the related human sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



ICC (Immunocytochemistry)
Anti-Smad1 antibody, AAA45437, ICCICC: A549 Cell



IHC (Immunohistochemistry)
Anti-Smad1 antibody, AAA45437, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti-Smad1 antibody, AAA45437, Western blottingLane 1: SMMC Cell LysateLane 2: K562 Cell LysateLane 3: HT1080 Cell LysateLane 4: HELA Cell LysateLane 5: JURKAT Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SMAD1 antibody	Description: Rabbit IgG polyclonal antibody for Mothers against decapentaplegic homolog 1(SMAD1) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: Mothers against decapentaplegic homolog 1 also known as SMAD family member 1 or SMAD1 is a protein that in humans is encoded by the SMAD1 gene. SMAD1 belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene "mothers against decapentaplegic"(Mad) and the C. elegans gene Sma. The gene was assigned to human chromosome 4q31.21. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341942042
NCBI GeneID	17125
UniProt Accession #	P70340; P70442; Q6GT95; Q9CYK6
Molecular Weight	52,157 Da
NCBI Official Full Name	Mothers against decapentaplegic homolog 1
NCBI Official Synonym Full Names	SMAD family member 1
NCBI Official Symbol	Smad1
NCBI Official Synonym Symbols	Mlp1; Madh1; Madr1; MusMLP; AI528653
NCBI Protein Information	mothers against decapentaplegic homolog 1; dwf-A; mMad1; Smad 1; dwarfin-A; MAD homolog 1; mad-related protein 1; mothers against DPP homolog 1; mothers-against-DPP-related 1
UniProt Protein Name	Mothers against decapentaplegic homolog 1
UniProt Gene Name	Smad1
UniProt Synonym Gene Names	Madh1; Madr1; MAD homolog 1; Mothers against DPP homolog 1; Dwf-A; Mad-related protein 1; mMad1; SMAD 1; Smad1
UniProt Entry Name	SMAD1_MOUSE

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/smad1-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/45437>