

## Rabbit anti-Human, Mouse SMAD9 Polyclonal Antibody | anti-SMAD9 antibody

SMAD9 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA303185 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

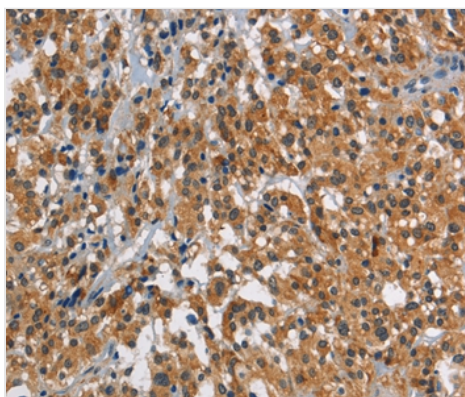
### PRODUCT SYNONYMS

SMAD9; Polyclonal Antibody; SMAD9 Antibody; PPH2; MADH6; MADH9; SMAD8; SMAD8A; SMAD8B; anti-SMAD9 antibody

### PRODUCT SPECIFICATIONS

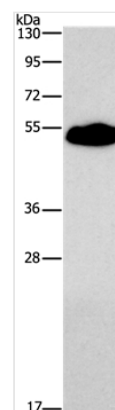
|                                                 |                                                                                                          |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                   |
| Reactivity                                      | Human, Mouse                                                                                             |
| Clonality                                       | Polyclonal                                                                                               |
| Specificity                                     | The antibody detects endogenous levels of total SMAD9 protein.                                           |
| Purity/Purification                             | Antigen affinity purification.                                                                           |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                          |
| Concentration                                   | 2.9 mg/ml (varies by lot)                                                                                |
| Sequence Length                                 | 467                                                                                                      |
| Applicable Applications for anti-SMAD9 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                            |
| Immunogen Type                                  | Peptide                                                                                                  |
| Immunogen Description                           | Synthetic peptide corresponding to a region derived from internal residues of human SMAD family member 9 |
| Target Name                                     | SMAD9                                                                                                    |
| Preparation and Storage                         | Store at -20 degree C                                                                                    |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/30.



#### Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Mouse heart tissue Amount of lysate: 40ug per lane Primary antibody: 1/290 dilution Secondary antibody dilution: 1/8000 Exposure time: 3 minutes

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SMAD9 antibody | The protein encoded by this gene is a member of the SMAD family, which transduces signals from TGF-beta family members. The encoded protein is activated by bone morphogenetic proteins and interacts with SMAD4. Two transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-SMAD9 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 187828357                                                                 |
| NCBI GeneID                      | 4093                                                                      |
| NCBI Accession #                 | NP_001120689.1                                                            |
| NCBI GenBank Nucleotide #        | NM_001127217.2                                                            |
| UniProt Accession #              | O15198; O14989; Q5TBA1; A2A2Y6                                            |
| Molecular Weight                 | 48,640 Da                                                                 |
| NCBI Official Full Name          | mothers against decapentaplegic homolog 9 isoform a                       |
| NCBI Official Synonym Full Names | SMAD family member 9                                                      |
| NCBI Official Symbol             | SMAD9                                                                     |
| NCBI Official Synonym Symbols    | PPH2; MADH6; MADH9; SMAD8; SMAD8A; SMAD8B                                 |
| NCBI Protein Information         | mothers against decapentaplegic homolog 9                                 |
| UniProt Protein Name             | Mothers against decapentaplegic homolog 9                                 |
| UniProt Gene Name                | SMAD9                                                                     |
| UniProt Synonym Gene Names       | MADH6; MADH9; MAD homolog 9; Mothers against DPP homolog 9; SMAD 9; Smad9 |
| UniProt Entry Name               | SMAD9_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://www.aaabiotech.com/polyclonal/smad9-antibody-immunohistochemistry-western-blot-elisa/303185>