# Rabbit SMAD3 Polyclonal Antibody | anti-SMAD3 antibody

Anti-SMAD3 (pS208) Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA263988** | **Rabbit** | **Human, Mouse, Rat, Chicken, Pig** | **Immunohistochemistry, Western Blot** |

## PRODUCT SYNONYMS

SMAD3; Polyclonal Antibody; Anti-SMAD3 (pS208) Antibody; MADH3; Mothers against decapentaplegic homolog 3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; JV15-2; SMAD family member 3; SMAD 3; Smad3; hSMAD3; anti-SMAD3 antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat, Chicken, Pig |
| **Clonality** | Polyclonal |
| **Specificity** | Recognizes endogenous levels of SMAD3 (pS208) protein. |
| **Purity/Purification** | 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. |
| **Applicable Applications for anti-SMAD3 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SMAD3 (pS208). The exact sequence is proprietary. |
| **Preparation and Storage** | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

## IMAGES

**IHC (Immunohiostchemistry)**
Immunohistochemical analysis of SMAD3 (pS208) staining in human colon 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 SMAD3 (pS208) expression in Hela (A), C6 (B) whole cell lysates.

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-SMAD3 antibody** | Rabbit polyclonal antibody to SMAD3 |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 223029440 |
| **NCBI GeneID** | 4088 |

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| **NCBI Accession #** | NP_001138574.1 |
| **NCBI GenBank Nucleotide #** | NM_001145102.1 |
| **UniProt Accession #** | P84022; Q8BUN5; P84025 |
| **Molecular Weight** | 48,081 Da |
| **NCBI Official Full Name** | mothers against decapentaplegic homolog 3 isoform 2 |
| **NCBI Official Synonym Full Names** | SMAD family member 3 |
| **NCBI Official Symbol** | SMAD3 |
| **NCBI Official Synonym Symbols** | LDS3; LDS1C; MADH3; JV15-2; HSPC193; HsT17436 |
| **NCBI Protein Information** | mothers against decapentaplegic homolog 3; mad3; hMAD-3; hSMAD3; MAD homolog 3; mad homolog JV15-2; mad protein homolog; mothers against DPP homolog 3; SMA- and MAD-related protein 3; SMAD, mothers against DPP homolog 3; MAD, mothers against decapentapleg |
| **UniProt Protein Name** | Mothers against decapentaplegic homolog 3 |
| **UniProt Gene Name** | **SMAD3** |
| **UniProt Synonym Gene Names** | MADH3; MAD homolog 3; Mad3; Mothers against DPP homolog 3; hMAD-3; SMAD 3; Smad3; hSMAD3 |
| **UniProt Entry Name** | SMAD3_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/smad3-antibody-immunohistochemistry-western-blot-elisa/263988