

## SMAD9

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**52kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human SMAD9

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

PPH2; MADH6; MADH9; SMAD8; SMAD8A; SMAD8B;

**Catalog #:**A7518

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4093

**Isotype:**IgG

**Swiss Prot:**O15198

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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