

## SMAD9 Polyclonal Antibody

catalog number: **E-AB-61763**

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

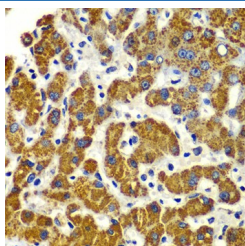
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant fusion protein of human SMAD9 (NP_005896.1).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

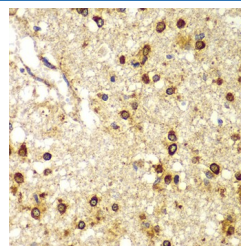
### Applications

Applications	Recommended Dilution
IHC	1:50-1:200
IF	1:50-1:200

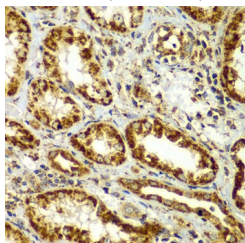
### Data



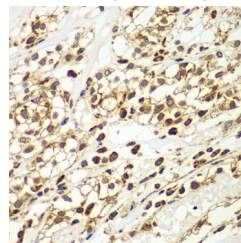
Immunohistochemistry of paraffin-embedded Human liver damage using SMAD9 Polyclonal Antibody at dilution of 1:100 (40x lens).



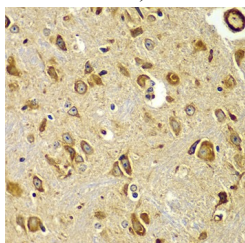
Immunohistochemistry of paraffin-embedded Human brain cancer using SMAD9 Polyclonal Antibody at dilution of 1:100 (40x lens).



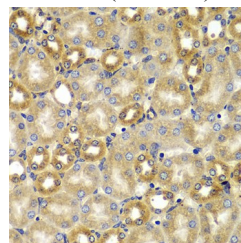
Immunohistochemistry of paraffin-embedded Human kidney using SMAD9 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human kidney cancer using SMAD9 Polyclonal Antibody at dilution of 1:100 (40x lens).

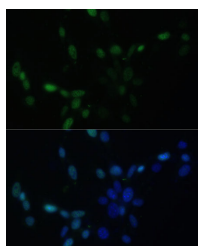


Immunohistochemistry of paraffin-embedded Mouse brain using SMAD9 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using SMAD9 Polyclonal Antibody at dilution of 1:100 (40x lens).

### For Research Use Only



Immunofluorescence analysis of NIH/3T3 cells using  
SMAD9 Polyclonal Antibody at dilution of 1:100. Blue:  
DAPI for nuclear staining.

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## 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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