

SMAD9 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS12365**Specification**

SMAD9 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O15198
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Chicken, Horse, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	52kDa KDa

SMAD9 Antibody (Internal) - Additional Information**Gene ID** 4093**Other Names**

Mothers against decapentaplegic homolog 9, MAD homolog 9, Mothers against DPP homolog 9, Madh6, SMAD family member 9, SMAD 9, Smad9, SMAD9, MADH6, MADH9

Target/Specificity

Human SMAD9. This antibody is not expected to cross-react with SMAD1 and SMAD5.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

SMAD9 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SMAD9 Antibody (Internal) - Protein Information**Name** SMAD9**Synonyms** MADH6, MADH9, SMAD8 {ECO:0000303|PubMed:**Function**

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD9 is a receptor- regulated SMAD (R-SMAD).

Cellular Location

Cytoplasm. Nucleus. Note=In the cytoplasm in the absence of ligand. Migration to the nucleus when complexed with SMAD4 (By similarity).

Tissue Location

Expressed in heart, brain, placenta, lung, skeletal muscle, prostate, testis, ovary and small

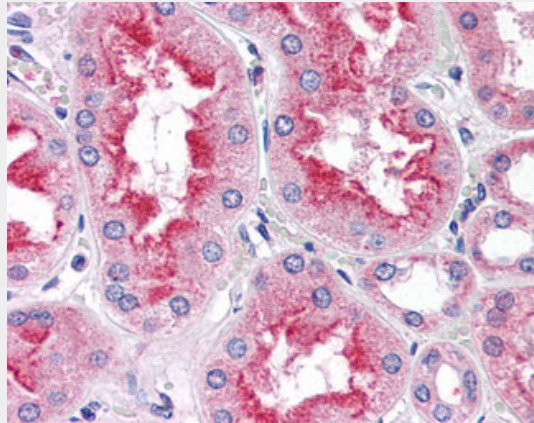
intestine. Also expressed in fetal brain, lung and kidney

SMAD9 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SMAD9 Antibody (Internal) - Images



Anti-SMAD9 antibody IHC of human kidney.

SMAD9 Antibody (Internal) - Background

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD9 is a receptor-regulated SMAD (R-SMAD).

SMAD9 Antibody (Internal) - References

- Watanabe T.K., et al. *Genomics* 42:446-451(1997).
Dunham A., et al. *Nature* 428:522-528(2004).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Massague J., et al. *Annu. Rev. Biochem.* 67:753-791(1998).
Verschuere K., et al. *Cytokine Growth Factor Rev.* 10:187-199(1999).