



Smad9 Antibody

CATALOG NUMBER: 46-383



Western blot analysis of Smad9 in human skin lysate (35 ug protein in RIPA buffer) using Smad9 Antibody at 0.3 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:64,000. Western Blot: Approximately 50 kDa band observed in human skin lysates (calculated MW of 48.6 kDa according to NP_005896.1). Recommended concentration: 0.3-1.0 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1376 - Human Skin Tissue Lysate
SPECIFICITY:	This antibody is not expected to cross-react with SMAD1 and SMAD5.
IMMUNOGEN:	Smad9 antibody was raised against a 14 amino acid synthetic peptide near the internal region of Smad9.
HOST SPECIES:	Goat

Properties

PURIFICATION:	Smad9 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	Smad9 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	SMAD9, SMAD, mothers against DPP homolog 9 (Drosophila), HGNC:6774, MADH6, MADH9, SMAD8A, SMAD8B, MAD (mothers against decapentaplegic, Drosophila) homolog 9, MAD, mothers against decapentaplegic homolog 9, mothers against decapentaplegic homolog 9 (Drosophila), Mothers against decapentaplegic, drosophila, homolog of, 9
ACCESSION NO.:	NP_005896.1
PROTEIN GI NO.:	5174519

OFFICIAL SYMBOL:	SMAD9
GENE ID:	4093

Background

REFERENCES: 1) Shi Y, Massague J. Mechanisms of TGF-beta signaling from cell membrane to the nucleus. Cell. 2003 Jun 13;113(6):685-700. Review.

FOR RESEARCH USE ONLY

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