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Research Use Only. Not for diagnostic or therapeutic use.

EB07200 - Goat Anti-SMAD9 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal 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 (Drosophila), Mothers against decapentaplegic, drosophila, homolog of, 9

Official Symbol: SMAD9

Accession Number(s): NP_005896.1

Human GeneID(s): 4093

Important Comments: This antibody is not expected to cross-react with SMAD1 and

SMAD5.

Immunogen

Peptide with sequence C-HSEPLMPHNATYPD, from the internal region of the protein sequence according to NP_005896.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 50kDa band observed in Human Skin lysates (calculated MW of 48.6kDa according to NP_005896.1). Recommended concentration: 0.3-1.0 μ g/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.

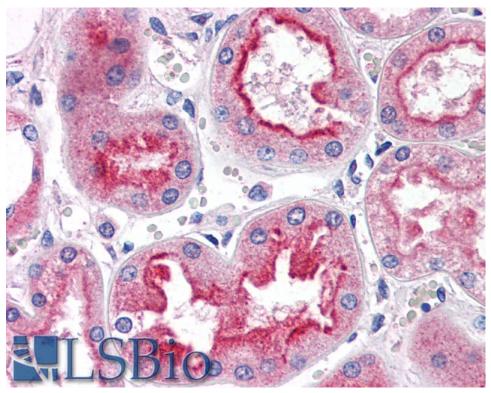
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa

EB07200 (0.3 μ g/ml) staining of Human Skin lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB07200 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.