

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB12548 - Goat Anti-BMP7 (aa120-131) Antibody

Size: 100µg specific antibody in 200µl

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Target Protein

Principal Names: BMP7, bone morphogenetic protein 7, OP-1, osteogenic protein 1 Official Symbol: BMP7 Accession Number(s): NP_001710.1 Human GenelD(s): 655 Non-Human GenelD(s): 12162 (mouse), 85272 (rat) Important Comments: This antibody is expected to recognize precursor only.

Immunogen

Peptide with sequence C-SLQDSHFLTDAD, from the internal region of the protein sequence according to NP_001710.1.

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

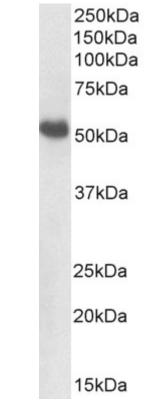
Peptide ELISA: antibody detection limit dilution 1:2000.

Western blot: Approx 50-55kDa band observed in Pig Kidney lysates (calculated MW of 49.2kDa according to XP_005673101.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Pig

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



EB12548 (1µg/ml) staining of Pig Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.