

## UK 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



### Target Protein

**Principal Names:** BMP7, bone morphogenetic protein 7, OP-1, osteogenic protein 1

**Official Symbol:** BMP7

**Accession Number(s):** NP\_001710.1

**Human GeneID(s):** [655](#)

**Non-Human GeneID(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 (1 $\mu$ g/ml) staining of Pig Kidney lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.