



International Office

Everest Biotech Ltd

Vector Laboratories, Inc.
6737 Mowry Ave
Newark, CA 94560
United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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