



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB07197 - Goat Anti-BMPR1A Antibody

Size: 100µg specific antibody in 200µl



## Target Protein

**Principal Names:** BMPR1A, bone morphogenetic protein receptor, type IA, HGNC:1076, ACVRLK3, ALK3, activin A receptor, type II-like kinase 3

**Official Symbol:** BMPR1A

**Accession Number(s):** NP\_004320.2

**Human GeneID(s):** [657](#)

## Immunogen

Peptide with sequence C-KSDSDQKKSEN, from the internal region of the protein sequence according to NP\_004320.2.

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 1:16000.

**Western blot:** Approx 60kDa band observed in lysates of cell lines HeLa and HepG2 (calculated MW of 60.2kDa according to NP\_004320.2). Recommended concentration: 1-3µg/ml. An additional band of 20kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal. We call for caution when used for other assays than Western blot.

## Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog



EB07197 (1 $\mu$ g/ml) staining of HeLa cell lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.