



## UK Office

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

## EB11812 - Goat Anti-periostin (aa112-125) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MGC119510, MGC119511, OSF2, OSF-2, osteoblast specific factor 2 (fasciclin I-like), osteoblast-specific factor 2, OTTHUMP00000018268, OTTHUMP00000018269, OTTHUMP00000018270, OTTHUMP00000018271, PDLPOSTN, periodontal ligament-specific periostin, periostin, periostin isoform thy2, periostin isoform thy4, periostin isoform thy6, periostin isoform thy8, periostin, osteoblast specific factor, PN, POSTN, RP11-412K4.1

**Official Symbol:** POSTN

**Accession Number(s):** NP\_006466.2; NP\_001129406.1; NP\_001129407.1; NP\_001129408.1

**Human GenelD(s):** [10631](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_006466.2; NP\_001129406.1; NP\_001129407.1; NP\_001129408.1).

### Immunogen

Peptide with sequence C-TTQRYSDASKLREE, from the internal region of the protein sequence according to NP\_006466.2; NP\_001129406.1; NP\_001129407.1; NP\_001129408.1.

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 1:128000.

**Western blot:** Approx 85kDa band observed in Human Breast cancer lysates (calculated MW of 93.3kDa according to NP\_006466.2). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB11812 (0.1 $\mu$ g/ml) staining of Human Breast cancer lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.