

# **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries:

info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326

#### www.everestbiotech.com

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 GeneID(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.

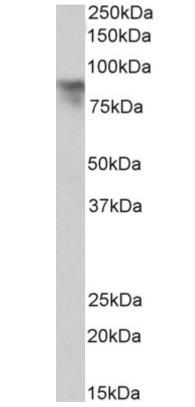
# **Applications Tested**

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