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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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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