

Osteopontin (C-term) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250802

Unit: 0.1 mg

Description:

Osteopontin (OPN) binds tightly to hydroxyapatite and forms an integral part of the bone mineralized matrix. OPN is an integrin alpha-V/beta-3 ligand indicating a role in cell-matrix interaction. OPN is essential in the type I immunity pathway by increasing IFN-gamma and IL-12 production. OPN acts as the stone matrix in urinary stone formation.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: M, R

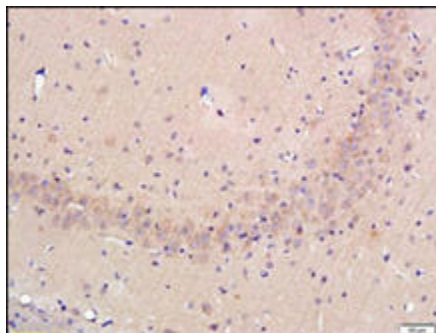
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Osteopontin; bone sialoprotein 1; secreted phosphoprotein 1; SPP-1; urinary stone protein; nephropontin; uropontin; SPP1; BNSP; OPN

Accession No.: P10923

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of mouse OPN.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



Osteopontin staining in rat hippocampus. Formalin-fixed paraffin-embedded rat hippocampus is stained with Osteopontin (C-term) Antibody (Cat. No. 250802) used at 1:300 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.