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

EB08886 - Goat Anti-DMP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DMP1, dentin matrix acidic phosphoprotein, dentin matrix protein 1

Official Symbol: DMP1

Accession Number(s): NP_004398.1; NP_001073380.1

Human GeneID(s): [1758](#)

Important Comments: This antibody is expected to recognize both reported isoforms (NP_004398.1; NP_001073380.1).

Immunogen

Peptide with sequence C-ENSEQANTQDSG, from the internal region of the protein sequence according to NP_004398.1; NP_001073380.1.

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 1:4000.

Western blot: Approx. 55kDa band observed in Human Ileum and Kidney lysates (calculated MW of 55.8kDa according to NP_004398.1 and of 54.1 according to NP_001073380.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB08886 (1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.