



## UK Office

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