

# Product Datasheet

## DMP-1 Antibody NBP1-20908

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-20908****DMP-1 Antibody****Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

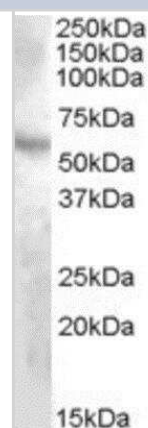
<b>Host</b>	Goat
<b>Gene ID</b>	1758
<b>Gene Symbol</b>	DMP1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_004398.1; NP_001073380.1).
<b>Immunogen</b>	Peptide with sequence C-ENSEQANTQDSG corresponding to internal region according to NP_004398.1, NP_001073380.1.

**Product Application Details**

<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:4000
<b>Application Notes</b>	WB: Approx. 55 kDa band observed in human Ileum and kidney lysates (calculated MW of 55.8 kDa band according to NP_004398.1 and of 54.1 according to NP_001073380.1).

**Images**

Western Blot: DMP-1 Antibody [NBP1-20908] - (1ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Qin C, D'Souza R, Feng JQ. Dentin matrix protein 1 (DMP1): new and important roles for biomineralization and phosphate homeostasis. J Dent Res 2007-12-01 [PMID: 18037646]



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### **Products Related to NBP1-20908**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-89484PEP	DMP-1 Recombinant Protein Antigen

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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