Datasheet for ABIN335132

anti-DMP1 antibody (Internal Region)

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1 Image

Overview

Quantity:	100 µg
Target:	DMP1 (DMTF1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DMP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	DMP1
Immunogen:	Peptide with sequence C-ENSEQANTQDSG, from the internal region of the protein sequence according to NP_004398.1, NP_001073380.1.
Sequence:	ENSEQANTQD SG
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_004398.1, NP_001073380.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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Product Details

Grade:	Verified

Target Details

Target:	DMP1 (DMTF1)
Alternative Name:	DMP1 (DMTF1 Products)
Background:	DMP1, dentin matrix acidic phosphoprotein, dentin matrix protein 1
Gene ID:	1758
NCBI Accession:	NP_004398, NP_001073380

Application Details

Application Notes:	Western Blot: Approx. 55 kDa band observed in Human Ileum and Kidney lysates (calculated MW of 55.8 kDa according to NP_004398.1 and of 54.1 according to NP_001073380.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

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Western Blotting

Image 1. ABIN335132 (1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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