

Datasheet for ABIN2775903
anti-DMP1 antibody (C-Term)[Go to Product page](#)

3 Images

1 Publication

Overview

Quantity:	100 µL
Target:	DMP1 (DMTF1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DMTF1
Sequence:	SFNDAHVSKF SDQNSTELMN SVMVRTEEEI SDTDLLKQEEPSD LASAYVT
Predicted Reactivity:	Dog: 92%, Guinea Pig: 91%, Horse: 92%, Human: 100%, Mouse: 92%, Rabbit: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against DMTF1. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	DMP1 (DMTF1)
Alternative Name:	DMTF1 (DMTF1 Products)

Target Details

Background: DMTF1 binds specifically to the nonamer DNA consensus sequences CCCG(G/T)ATGT to activate transcription.

Alias Symbols: DMP1, DMTF, FLJ41265, hDMP1

Protein Interaction Partner: SRA1, TP53, ATF7IP, CCND1, CCND3, CCND2,

Protein Size: 494

Molecular Weight: 54 kDa

Gene ID: 9988

NCBI Accession: [NM_001142326](#)

UniProt: [Q9Y222](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 494 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

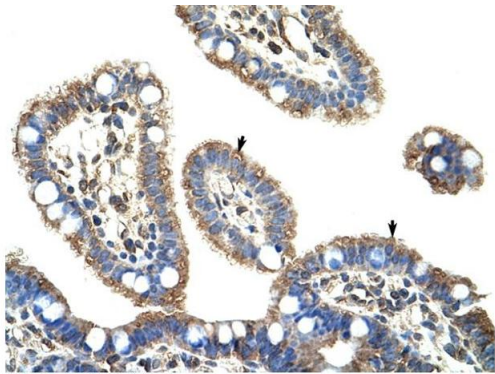
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Yang, Kitamura, Wu, Chang, Ling, Kuo: "Tooth Germ-Like Construct Transplantation for Whole-

Tooth Regeneration: An In Vivo Study in the Miniature Pig." in: **Artificial organs**, Vol. 40, Issue 4, pp. E39-50, (2016) ([PubMed](#)).

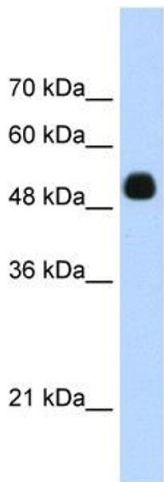
Images



Rabbit Anti-DMTF1 Antibody
Catalog Number: ARP34602
Lot Number: QC11564
Paraffin Embedded Tissue: Human Intestine
Cells with Positive label: Epithelial cells of intestinal villus (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

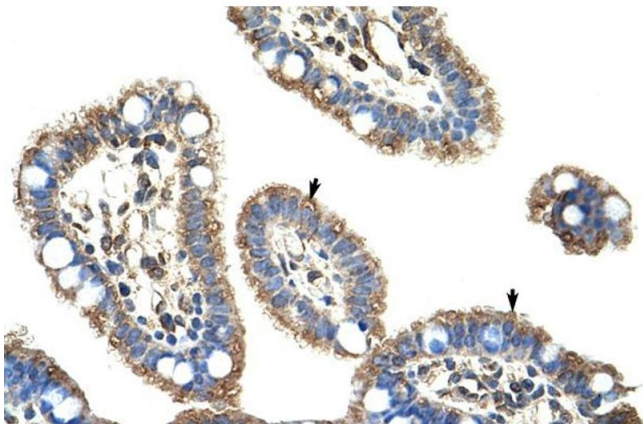
Immunohistochemistry

Image 1. Human Intestine



Western Blotting

Image 2. WB Suggested Anti-DMTF1 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 3. Human Intestine