



Datasheet for ABIN7266560
anti-DMP1 antibody (AA 561-760)



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1 Image

Overview

Quantity:	100 µL
Target:	DMP1 (DMTF1)
Binding Specificity:	AA 561-760
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	DMTF1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 561-760 of human DMTF1 (NP_066968.3).
Sequence:	VTVQCHTPRV IIQTVATEDI TSSISQAELT VSDIQSSDF PEPPDALEAD TFPDEIHHPK MTVEPSFNDA HVSKFSDQNS TELMNSVMVR TEEEISDTDL KQEEPSDLA SAYVTEGLES PTIEEQVDQT IDDETILIVP SPHGFIQASD VIDTESVLPL TTLTDPILQH HQEESNIIGS SLGSPVSEDS KDVEDLVNCH
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: DMP1 (DMTF1)

Alternative Name: DMTF1 ([DMTF1 Products](#))

Background: This gene encodes a transcription factor that contains a cyclin D-binding domain, three central Myb-like repeats, and two flanking acidic transactivation domains at the N- and C-termini. The encoded protein is induced by the oncogenic Ras signaling pathway and functions as a tumor suppressor by activating the transcription of ARF and thus the ARF-p53 pathway to arrest cell growth or induce apoptosis. It also activates the transcription of aminopeptidase N and may play a role in hematopoietic cell differentiation. The transcriptional activity of this protein is regulated by binding of D-cyclins. This gene is hemizygotously deleted in approximately 40 % of human non-small-cell lung cancer and is a potential prognostic and gene-therapy target for non-small-cell lung cancer. Multiple transcript variants encoding different isoforms have been found for this gene.,DMTF1,DMP1,DMTF,MRUL,hDMP1,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Tumor suppressors,p53 pathway,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,Cyclins,DMTF1

Gene ID: 9988

UniProt: [Q9Y222](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

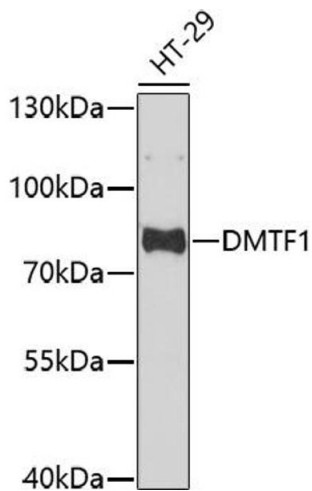
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of HT-29 cells, using DMTF1 antibody (ABIN7266560) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.