

Datasheet for ABIN2776044 anti-DMP1 antibody (Middle Region)

2 Images



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Overview

Quantity:	100 μL
Target:	DMP1 (DMTF1)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Rabbit, Guinea Pig, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMP1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human DMTF1
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human DMTF1 TFPDEIHHPK MTVEPSFNDA HVSKFSDQNS TELMNSVMVR TEEEISDTDL
Sequence:	TFPDEIHHPK MTVEPSFNDA HVSKFSDQNS TELMNSVMVR TEEEISDTDL Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%,
Sequence: Predicted Reactivity:	TFPDEIHHPK MTVEPSFNDA HVSKFSDQNS TELMNSVMVR TEEEISDTDL Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 86% This is a rabbit polyclonal antibody against DMTF1. It was validated on Western Blot using a
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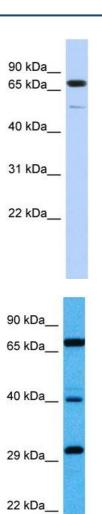
Target Details

Alternative Name:	DMTF1 (DMTF1 Products)
Background:	DMTF1 is 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. DMTF1 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 DMTF1 is regulated by binding of D-cyclins. The gene encoding DMTF1 is hemizygously 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. Alias Symbols: DMP1, DMTF, FLJ41265, hDMP1 Protein Interaction Partner: SRA1, TP53, ATF7IP, CCND1, CCND3, CCND2, Protein Size: 760
Molecular Weight:	84 kDa
Gene ID:	9988
NCBI Accession:	NM_021145, NP_066968
UniProt:	Q9Y222
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 760 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

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.

Images



Western Blotting

Image 1. WB Suggested Anti-DMTF1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HT1080 cell lysate

Western Blotting

Image 2. Host: Mouse Target Name: DMTF1 Sample
Tissue: Mouse Kidney Antibody Dilution: 1ug/ml