

Datasheet for ABIN2776044

**anti-DMP1 antibody (Middle Region)**[Go to Product page](#)**2** Images

## 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
Sequence:	TFPDEIHHPK MTVEPSFNDA HVSKFSDQNS TELMNSVMVR TEEEISDTDL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against DMTF1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	DMP1 (DMTF1)
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## Target Details

Alternative Name:	DMTF1 ( <a href="#">DMTF1 Products</a> )
Background:	<p>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 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.</p> <p>Alias Symbols: DMP1, DMTF, FLJ41265, hDMP1</p> <p>Protein Interaction Partner: SRA1, TP53, ATF7IP, CCND1, CCND3, CCND2,</p> <p>Protein Size: 760</p>
Molecular Weight:	84 kDa
Gene ID:	9988
NCBI Accession:	<a href="#">NM_021145</a> , <a href="#">NP_066968</a>
UniProt:	<a href="#">Q9Y222</a>

## 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