

Rabbit DMTF1 Polyclonal Antibody | anti-DMTF1 antibody

DMTF1 Antibody - middle region

CATALOG # AAA197889	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

DMTF1; Polyclonal Antibody; DMTF1 Antibody - middle region; anti-DMTF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TF PDEIHPKMT VEPFNDAHV SKFSDQNSTE LMNSVMVRTE EEISDTDL
Sequence Length	760
Applicable Applications for anti-DMTF1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 92%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human DMTF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

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

WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-DMTF1 antibody	This is a rabbit polyclonal antibody against DMTF1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-DMTF1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Apoptosis; Meiosis/Mitosis/Cell Cycle; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	215599967
NCBI GeneID	9988
NCBI Accession #	NP_066968
NCBI GenBank Nucleotide #	NM_021145
UniProt Accession #	Q9Y222
Molecular Weight	84kDa
NCBI Official Full Name	cyclin-D-binding Myb-like transcription factor 1 isoform a
NCBI Official Synonym Full Names	cyclin D binding myb like transcription factor 1
NCBI Official Symbol	DMTF1
NCBI Official Synonym Symbols	DMP1; DMTF; MRUL; hDMP1
NCBI Protein Information	cyclin-D-binding Myb-like transcription factor 1
UniProt Protein Name	Cyclin-D-binding Myb-like transcription factor 1
UniProt Gene Name	DMTF1
UniProt Synonym Gene Names	DMP1; hDMTF1; hDMP1
UniProt Entry Name	DMTF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.