

Product datasheet for TA338013

DMTF1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB

Reactivity: Human, Mouse

Rabbit Host:

Isotype: lgG

Polyclonal Clonality:

Immunogen: The immunogen for anti-DMTF1 antibody: synthetic peptide directed towards the middle

region of human DMTF1. Synthetic peptide located within the following region:

TFPDEIHHPKMTVEPSFNDAHVSKFSDQNSTELMNSVMVRTEEEISDTDL

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

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

Conjugation: Unconjugated

Storage:

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 84 kDa

Gene Name: cyclin D binding myb like transcription factor 1

Store at -20°C as received.

Database Link: NP 066968

Entrez Gene 23857 MouseEntrez Gene 9988 Human

Q9Y222



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



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.

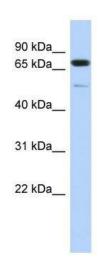
Synonyms: DMP1; DMTF; hDMP1; MRUL

Note: Immunogen Sequence Homology: Horse: 100%; Human: 100%; Dog: 93%; Pig: 93%; Mouse:

93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 92%; Rat: 86%

Protein Families: Transcription Factors

Product images:



WB Suggested Anti-DMTF1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive

Control: HT1080 cell lysate