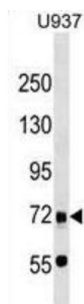


## Cyclin-D-Binding Myb-Like Transcription Factor 1 (DMTF1) Antibody

Catalogue No.: abx029695



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. [provided by RefSeq].

**Target:** Cyclin-D-Binding Myb-Like Transcription Factor 1 (DMTF1)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 588-616 amino acids from the C-terminal region of human DMTF1.

**Isotype:** IgG

**Form:** Liquid

**Purification:** Purified through a protein A column, followed by peptide affinity purification.

**Storage:** Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

# Datasheet

Version: 3.0.0

Revision date: 09 Jun 2025



**UniProt Primary AC:** Q9Y222 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** DMTF1

**String:** [9606.ENSP00000378193](#)

**Molecular Weight:** Calculated MW: 84.5 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Specificity:** Predicted to react with Mouse and Rat DMTF1.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only