

DMTF1 Polyclonal Antibody

Catalog No: #29965



Package Size: #29965-1 50ul #29965-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

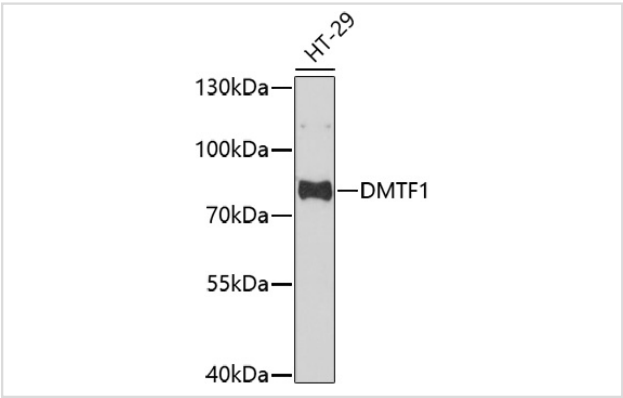
Description

Product Name	DMTF1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human DMTF1 (NP_066968.3).
Other Names	DMTF1; DMP1; DMTF; MRUL; hDMP1; cyclin-D-binding Myb-like transcription factor 1
Accession No.	Swiss-Prot#:Q9Y222NCBI Gene ID:9988
Uniprot	Q9Y222
GeneID	9988;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of HT-29 cells, using DMTF1 at 1:1000 dilution.

Background

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 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. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only