

For Research Use Only

DTWD1 Polyclonal antibody

Catalog Number: 26810-1-AP

1 Publications



Basic Information

Catalog Number:

26810-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25170

GenBank Accession Number:

BC032535

GeneID (NCBI):

56986

UNIPROT ID:

Q8N5C7

Full Name:

DTW domain containing 1

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells,

Background Information

DTW domain-containing protein 1 (DTWD1), also named as tRNA-uridine aminocarboxypropyltransferase 1, is responsible for 3-(3-amino-3-carboxypropyl)uridine modification at position 20 in the D-loop of certain tRNAs (PMID: 31804502; 37745798). DTWD1 has been identified as a target gene of p53 and functions as a tumor suppressor gene (PMID: 25973305). Dysregulated expression of DTWD1 has been reported in several malignancies, including gastric cancer and colorectal cancer (PMID: 25973305; 31924336).

Notable Publications

Author	Pubmed ID	Journal	Application
Pengyun Li	39218923	J Hematol Oncol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

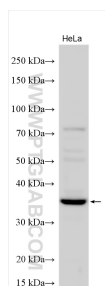
T: 4006900926

E: Proteintech-CN@ptglab.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 26810-1-AP (DTWD1 antibody) at dilution of 1:1000 and incubated at room temperature for 1.5 hours.