

For Research Use Only

DTWD1 Polyclonal antibody

Catalog Number: 26810-1-AP



Basic Information

Catalog Number: 26810-1-AP	GenBank Accession Number: BC032535	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 56986	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: DTW domain containing 1	
Isotype: IgG	Observed MW: 35 kDa	
Immunogen Catalog Number: AG25170		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells,
Species Specificity: human	

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).

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

*** 20ul sizes contain 0.1% BSA

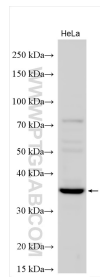
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Selected Validation Data



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.