

DTWD2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10363c**Specification**

DTWD2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8NBA8
Other Accession	Q4R7M4 , NP_775937.1
Reactivity	Human, Mouse
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	33416
Antigen Region	109-138

DTWD2 Antibody (Center) - Additional Information**Gene ID** 285605**Other Names**

DTW domain-containing protein 2, DTWD2

Target/Specificity

This DTWD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 109-138 amino acids from the Central region of human DTWD2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DTWD2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

DTWD2 Antibody (Center) - Protein Information**Name** DTWD2 {ECO:0000303|PubMed:31804502, ECO:0000312|HGNC:HGNC:19334}

Function Catalyzes the formation of 3-(3-amino-3-carboxypropyl)uridine (acp3U) at position 20a in the D-loop of several cytoplasmic tRNAs (acp3U(20a)) (PubMed:[31804502](#), PubMed:[39173631](#)). Also has a weak activity to form acp3U at position 20 in the D-loop of tRNAs (acp3U(20)) (PubMed:[31804502](#)). Involved in glycoRNA biosynthesis by mediating formation of acp3U, which acts as an attachment site for N- glycans on tRNAs (PubMed:[39173631](#)). GlycoRNAs consist of RNAs modified with secretory N-glycans that are presented on the cell surface (PubMed:[39173631](#)).

Cellular Location

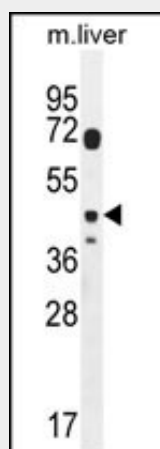
[Isoform 1]: Cytoplasm

DTWD2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DTWD2 Antibody (Center) - Images



DTWD2 Antibody (Center) (Cat. #AP10363c) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the DTWD2 antibody detected the DTWD2 protein (arrow).

DTWD2 Antibody (Center) - References

Trynka, G., et al. Gut 58(8):1078-1083(2009)
Manrow, R.E., et al. Genomics 13(2):319-331(1992)
Eschenfeldt, W.H., et al. J. Biol. Chem. 264(13):7546-7555(1989)