

For Research Use Only

WDHD1 Polyclonal antibody, PBS Only

Catalog Number:33739-1-PBS



Basic Information

Catalog Number:

33739-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38697

GenBank Accession Number:

NM_007086.3

GeneID (NCBI):

11169

UNIPROT ID:

O75717

Full Name:

WD repeat and HMG-box DNA binding protein 1

Calculated MW:

126kDa, 1129aa

Observed MW:

126 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

The WD repeat and HMG-box DNA-binding protein 1 (WDHD1), also known as acidic nucleoplasmic DNA-binding protein 1 (AND-1), is a DNA - binding protein with a total molecular weight of 126 kDa, containing multiple N-terminal WD40 domains and a C-terminal high mobility group (HMG) box. WDHD1 contains the highly conserved SepB domain, which plays a crucial role in DNA replication processes(PMID: 37569867). WDHD1 regulates the assembly and activation of the pre - replication complex (pre-RC), and WDHD1 depletion leads to G1 stagnation and delays progression to the S phase(PMID: 36345604).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

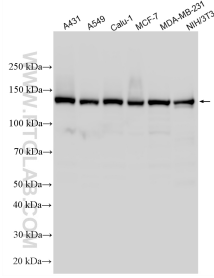
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33739-1-AP (WDHD1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33739-1-PBS in a different storage buffer formulation.