

For Research Use Only

WDHD1 Polyclonal antibody, PBS Only

Catalog Number:33739-1-PBS



Basic Information

Catalog Number:

33739-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

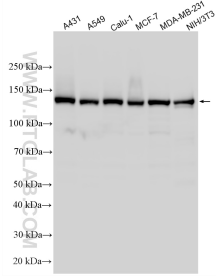
For technical support and original validation data for this product please contact:

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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.