

For Research Use Only

WDHD1 Polyclonal antibody

Catalog Number:33739-1-AP



Basic Information

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|---|--|--|
| Catalog Number: 33739-1-AP | GenBank Accession Number: NM_007086.3 | Purification Method: Antigen affinity Purification |
| Source: Rabbit | GeneID (NCBI): 11169 | Recommended Dilutions: WB: 1:5000-1:50000 |
| Isotype: IgG | UNIPROT ID: O75717 | |
| Immunogen Catalog Number: AG38697 | Full Name: WD repeat and HMG-box DNA binding protein 1 | |
| | Calculated MW: 126kDa, 1129aa | |
| | Observed MW: 126 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : A431 cells, A549 cells, Calu-1 cells, MCF-7 cells, MDA-MB-231 cells, NIH/3T3 cells |
| 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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

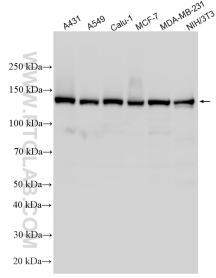
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Selected Validation Data



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.