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WDHD1 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10072

Specification

WDHD1 antibody - middle region - Product Information

Application	**WB**
Primary Accession	O75717
Other Accession	O75717, NP_009017, NM_007086
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**126 kDa KDa**

WDHD1 antibody - middle region - Additional Information

Gene ID 11169

Alias Symbol	**AND-1, CTF4, CHTF4**

Other Names
WD repeat and HMG-box DNA-binding protein 1, Acidic nucleoplasmic DNA-binding protein 1, And-1, WDHD1, AND1

Target/Specificity
Reactive with the SepB fragment (428-850aa) of WDHD1. WDHD1 contains multiple N-terminal WD40 domains and a C-terminal high mobility group (HMG) box. WD40 domains are found in a variety of eukaryotic proteins and may function as adaptor/regulatory modules in signal transduction, pre-mRNA processing and cytoskeleton assembly. HMG boxes are found in many eukaryotic proteins involved in chromatin assembly, transcription and replication. WDHD1 may also be involved in protein-protein interactions. The protein encoded by this gene contains multiple N-terminal WD40 domains and a C-terminal high mobility group (HMG) box. WD40 domains are found in a variety of eukaryotic proteins and may function as adaptor/regulatory modules in signal transduction, pre-mRNA processing and cytoskeleton assembly. HMG boxes are found in many eukaryotic proteins involved in chromatin assembly, transcription and replication. Alternative splicing results in two transcript variants encoding different isoforms.

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-WDHD1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
WDHD1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

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WDHD1 antibody - middle region - Protein Information

Name WDHD1 (HGNC:23170)

Synonyms AND1

Function
Core replisome component that acts as a replication initiation factor. Binds directly to the CMG complex and functions as a hub to recruit additional proteins to the replication fork.

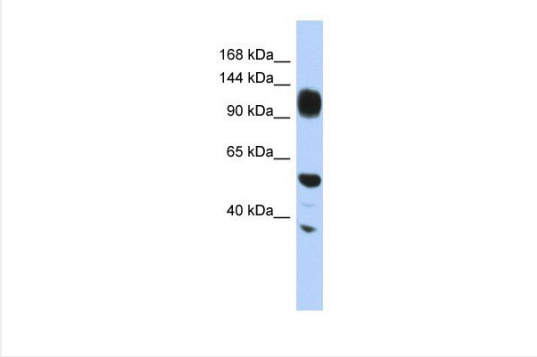
Cellular Location
Nucleus, nucleoplasm

WDHD1 antibody - middle region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

WDHD1 antibody - middle region - Images



WDHD1 antibody - middle region (AI10072) in Human HepG2 cells using Western Blot
WB Suggested Anti-WDHD1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:12500
Positive Control: HepG2 cell lysate

WDHD1 antibody - middle region - Background

This is a rabbit polyclonal antibody against WDHD1. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).