

WDHD1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51611

Product Information

Application	WB, IHC-P
Primary Accession	O75717
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	125967

Additional Information

Gene ID	11169
Other Names	WD repeat and HMG-box DNA-binding protein 1, Acidic nucleoplasmic DNA-binding protein 1, And-1, WDHD1, AND1
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Background

Acts as a replication initiation factor that brings together the MCM2-7 helicase and the DNA polymerase alpha/primase complex in order to initiate DNA replication.

References

Koehler A.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Olsen J.V.,et al.Cell 127:635-648(2006).
Zhu W.,et al.Genes Dev. 21:2288-2299(2007).
Matsuoka S.,et al.Science 316:1160-1166(2007).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

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