

For Research Use Only

POLA1 Polyclonal antibody

Catalog Number: 19711-1-AP **2 Publications**



Basic Information

Catalog Number: 19711-1-AP	GenBank Accession Number: NM_016937	Purification Method: Antigen affinity purification
Size: N/A	GeneID (NCBI): 5422	
Source: Rabbit	UNIPROT ID: P09884	
Isotype: IgG	Full Name: polymerase (DNA directed), alpha 1, catalytic subunit	
	Calculated MW: 166 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Background Information

POLA1, also named as Pola, belongs to the DNA polymerase type-B family. POLA1 plays an essential role in the initiation of DNA replication. During the S phase of the cell cycle, the DNA polymerase alpha complex (composed of a catalytic subunit POLA1/p180, a regulatory subunit POLA2/p70 and two primase subunits PRIM1/p49 and PRIM2/p58) is recruited to DNA at the replicative forks via direct interactions with MCM10 and WDHD1.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiuchan Deng	26467446	Infect Immun	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

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