

For Research Use Only

POLA1 Polyclonal antibody

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



Basic Information

Catalog Number:

19711-1-AP

Size:

150ul

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_016937

GeneID (NCBI):

5422

UNIPROT ID:

P09884

Full Name:

polymerase (DNA directed), alpha 1, catalytic subunit

Calculated MW:

166 kDa

Purification Method:

Antigen affinity purification

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

***** 20ul sizes contain 0.1% BSA**

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

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Selected Validation Data