
Product Name: DNA pol ϵ B Rabbit Polyclonal Antibody**Catalog #: APRab10060**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	59kDa

Antigen Information

Gene Name	POLE2
Alternative Names	POLE2; DPE2; DNA polymerase epsilon subunit 2; DNA polymerase II subunit 2; DNA polymerase epsilon subunit B
Gene ID	5427.0
SwissProt ID	P56282
Immunogen	Synthesized peptide derived from the Internal region of human DNA pol ϵ B.

Background

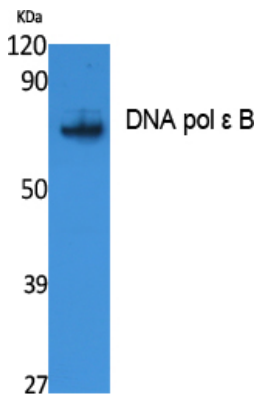
catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1),.function:Participates in DNA repair and

in chromosomal DNA replication.,miscellaneous:In eukaryotes there are five DNA polymerases: alpha, beta, gamma, delta, and epsilon which are responsible for different reactions of DNA synthesis.,similarity:Belongs to the DNA polymerase epsilon subunit B family.,subunit:Consists of four subunits: POLE, POLE2, POLE3 and POLE4.,catalytic activity:Deoxynucleoside triphosphate + DNA(n) = diphosphate + DNA(n+1),function:Participates in DNA repair and in chromosomal DNA replication.,miscellaneous:In eukaryotes there are five DNA polymerases: alpha, beta, gamma, delta, and epsilon which are responsible for different reactions of DNA synthesis.,similarity:Belongs to the DNA polymerase epsilon subunit B family.,subunit:Consists of four subunits: POLE, POLE2, POLE3 and POLE4.,

Research Area

Purine metabolism;Pyrimidine metabolism;DNA replication;Base excision repair;Nucleotide excision repair;

Image Data



Western Blot analysis of extracts from Jurkat cells, using DNA pol ε B Polyclonal Antibody.. Secondary antibody was diluted at 1:20000.