

Anti-DNA Polymerase epsilon 2 Antibody

Catalog # AP51438

Product Information

Application	WB
Primary Accession	P56282
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59537

Additional Information

Gene ID	5427
Other Names	DPE2; DNA polymerase epsilon subunit 2; DNA polymerase II subunit 2; DNA polymerase epsilon subunit B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DNA Polymerase epsilon 2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

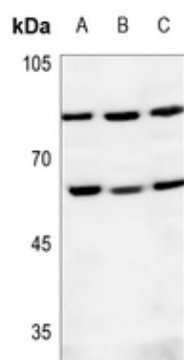
Name	POLE2 (HGNC:9178)
Synonyms	DPE2
Function	Accessory component of the DNA polymerase epsilon complex (PubMed: 10801849). Participates in DNA repair and in chromosomal DNA replication (By similarity).
Cellular Location	Nucleus.

References

Li Y.,et al.J. Biol. Chem. 272:32337-32344(1997).
Jokela M.,et al.Nucleic Acids Res. 26:730-734(1998).

Huang D.,et al.Nucleic Acids Res. 29:2810-2821(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Heilig R.,et al.Nature 421:601-607(2003).

Images



Western blot analysis of DNA Polymerase epsilon 2 expression in mouse testis (A), rat lung (B), rat testis (C) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 60 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.