

Rabbit anti-Human DNA pol iota Polyclonal Antibody | anti-POLI antibody

DNA pol iota Polyclonal Antibody

CATALOG # AAA294685	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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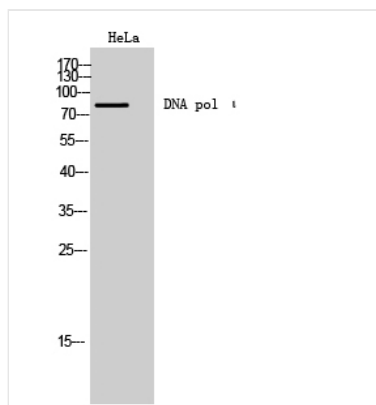
PRODUCT SYNONYMS

DNA pol iota; Polyclonal Antibody; DNA pol iota Polyclonal Antibody; POLI; RAD30B; DNA polymerase iota; Eta2; RAD30 homolog B; anti-POLI antibody

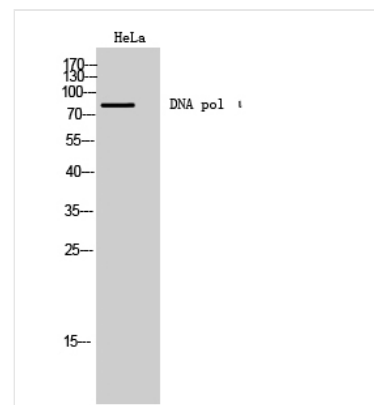
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-POLI antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-POLI antibody

Error-prone DNA polymerase specifically involved in DNA repair. Plays an important role in translesion synthesis, where the normal high-fidelity DNA polymerases cannot proceed and DNA synthesis stalls. Favors Hoogsteen base-pairing in the active site. Inserts the correct base with high-fidelity opposite an adenosine template. Exhibits low fidelity and efficiency opposite a thymidine template, where it will preferentially insert guanosine. May play a role in hypermutation of immunoglobulin genes. Forms a Schiff base with 5'-deoxyribose phosphate at abasic sites, but may not have lyase activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	154350220
NCBI GeneID	11201

NCBI Accession #	NP_009126.2
NCBI GenBank Nucleotide #	NM_007195.2
UniProt Accession #	Q9UNA4; Q8N590; Q9H0S1; Q9NYH6
Molecular Weight	83,006 Da
NCBI Official Full Name	DNA polymerase iota
NCBI Official Synonym Full Names	polymerase (DNA directed) iota
NCBI Official Symbol	POLI
NCBI Official Synonym Symbols	RAD30B; RAD3OB
NCBI Protein Information	DNA polymerase iota; eta2; RAD30 homolog B; polymerase (DNA-directed), iota
UniProt Protein Name	DNA polymerase iota
UniProt Gene Name	POLI
UniProt Synonym Gene Names	RAD30B
UniProt Entry Name	POLI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dna-pol-iota-antibody-western-blot-elisa/294685>