

Rabbit anti-Human POLI Polyclonal Antibody | anti-POLI antibody

POLI Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233746	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

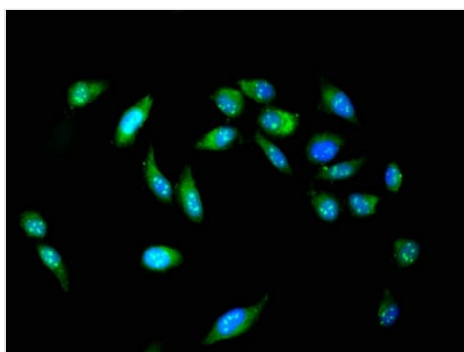
PRODUCT SYNONYMS

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

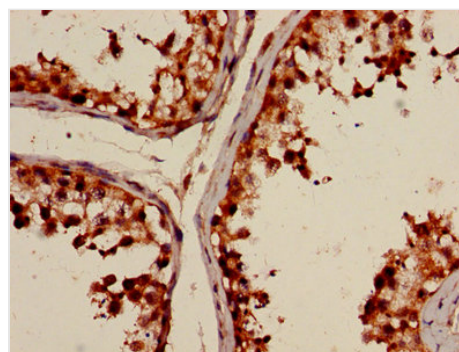
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	740
Applicable Applications for anti-POLI antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human DNA polymerase iota protein (458-711AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells using AAA233746 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA233746 at dilution of 1:100

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.
Product Categories/Family for anti-POLI antibody	Epigenetics and Nuclear Signaling

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 isoform a (long)
NCBI Official Synonym Full Names	DNA polymerase iota
NCBI Official Symbol	POLI
NCBI Official Synonym Symbols	eta2; RAD30B; RAD3OB
NCBI Protein Information	DNA polymerase iota
UniProt Protein Name	DNA polymerase iota
UniProt Gene Name	POLI
UniProt Synonym Gene Names	RAD30B

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/poli-antibody-immunofluorescence-immunohistochemistry-elisa/233746>