

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

POLH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233266	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

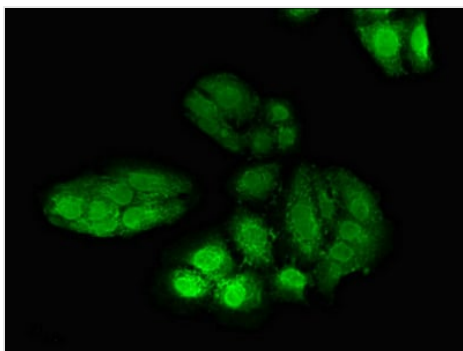
PRODUCT SYNONYMS

POLH; Polyclonal Antibody; POLH Antibody; DNA polymerase eta; RAD30 homolog A; Xeroderma pigmentosum variant type protein; RAD30; RAD30A; XPV; anti-POLH antibody

PRODUCT SPECIFICATIONS

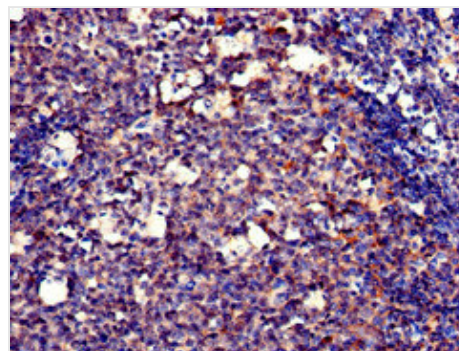
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	414
Applicable Applications for anti-POLH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human DNA polymerase eta protein (408-609AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



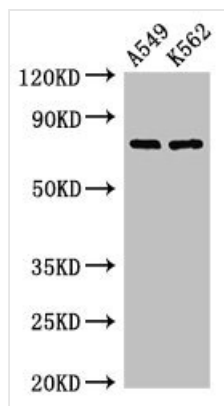
IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA233266 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA233266 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: A549 whole cell lysate,K562 whole cell lysateAll lanes:

POLH antibody at 2.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000

dilutionPredicted band size: 79,47 KDaObserved band size: 79 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-POLH antibody

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. Plays an important role in the repair of UV-induced pyrimidine dimers. Depending on the context, it inserts the correct base, but causes frequent base transitions and transversions. May play a role in hypermutation at immunoglobulin genes. Forms a Schiff base with 5'-deoxyribose phosphate at abasic sites, but does not have lyase activity. Targets POLI to replication foci.

NCBI AND UNIPROT INFORMATION

NCBI GI #	634743306
NCBI GeneID	5429
NCBI Accession #	NP_001278899.1
NCBI GenBank Nucleotide #	NM_001291970.1
UniProt Accession #	Q9Y253; Q7L8E3; Q96BC4; Q9BX13
Molecular Weight	46,283 Da
NCBI Official Full Name	DNA polymerase eta isoform 3
NCBI Official Synonym Full Names	DNA polymerase eta
NCBI Official Symbol	POLH
NCBI Official Synonym Symbols	XPV; XP-V; RAD30; RAD30A
NCBI Protein Information	DNA polymerase eta
UniProt Protein Name	DNA polymerase eta
UniProt Gene Name	POLH
UniProt Synonym Gene Names	RAD30; RAD30A; XPV

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://stage.aaabiotech.com/polyclonal/polh-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233266>