

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

POLB Antibody

CATALOG # AAA230151	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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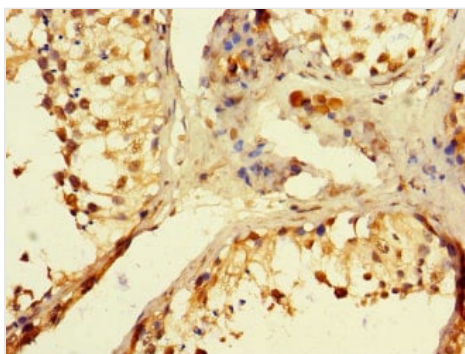
PRODUCT SYNONYMS

POLB; Polyclonal Antibody; POLB Antibody; DNA polymerase beta; anti-POLB antibody

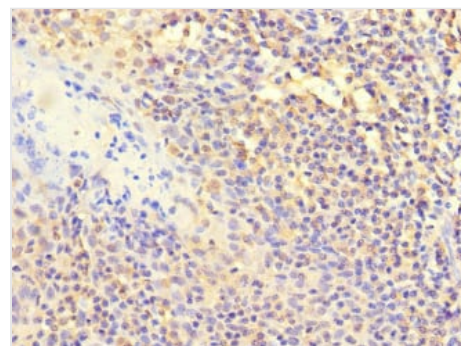
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	335
Applicable Applications for anti-POLB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human DNA polymerase beta protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5925 / sc-5927 / sc-48819
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

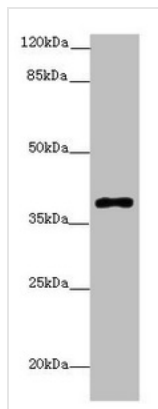
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA230151 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil tissue using AAA230151 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: POLB antibody at 8 ug/ml+ Colo320 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 38 kDaObserved band size: 38 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-POLB antibody

Repair polymerase that plays a key role in base-excision repair. Has 5'-deoxyribose-5-phosphate lyase (dRP lyase) activity that removes the 5' sugar phosphate and also acts as a DNA polymerase that adds one nucleotide to the 3' end of the arising single-nucleotide gap. Conducts 'gap-filling' DNA synthesis in a stepwise distributive fashion rather than in a processive fashion as for other DNA polymerases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505931
NCBI GeneID	5423
NCBI Accession #	NP_002681.1
NCBI GenBank Nucleotide #	NM_002690.2
UniProt Accession #	P06746; Q3KP48; Q6FI34; B2RC78
Molecular Weight	38,178 Da
NCBI Official Full Name	DNA polymerase beta
NCBI Official Synonym Full Names	polymerase (DNA) beta
NCBI Official Symbol	POLB
NCBI Protein Information	DNA polymerase beta
UniProt Protein Name	DNA polymerase beta
UniProt Gene Name	POLB
UniProt Entry Name	DPOLB_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://stage.aaabiotech.com/polyclonal/polb-antibody-immunohistochemistry-western-blot-elisa/230151>