

Rabbit POLB Polyclonal Antibody | anti-POLB antibody

POLB antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200588	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

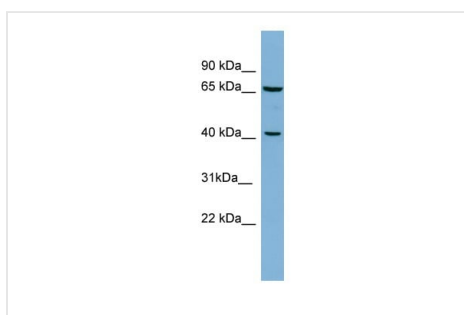
PRODUCT SYNONYMS

POLB; Polyclonal Antibody; POLB antibody - middle region; anti-POLB antibody

PRODUCT SPECIFICATIONS

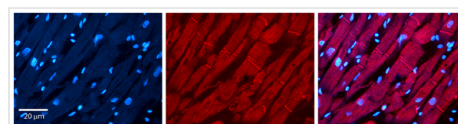
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GP SAARKFVDEG IKTLNHLRKN EDKLNHHQRI GLKYFGDFEK RIPREML
Sequence Length	335
Applicable Applications for anti-POLB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human POLB
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-POLB Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HT1080 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-POLB Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic, plasma membrane
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-POLB antibody	This is a rabbit polyclonal antibody against POLB. It was validated on Western Blot using a cell lysate as a positive control. Target Description: In eukaryotic cells, DNA polymerase beta (POLB) performs base excision repair (BER) required for DNA maintenance, replication, recombination, and drug resistance. Also see POLA (MIM 312040).
Product Categories/Family for anti-POLB antibody	Polyclonal; Cell Cycle Proteins; DNA Damage & Repair; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505931
NCBI GeneID	5423
NCBI Accession #	NP_002681
NCBI GenBank Nucleotide #	NM_002690
UniProt Accession #	P06746
Molecular Weight	38kDa
NCBI Official Full Name	DNA polymerase beta
NCBI Official Synonym Full Names	DNA polymerase 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/200588>