



# Anti-POLB (full length) polyclonal antibody (DPAB-DC1479)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	plays a role in DNA repair and bypass of pyrimidine dimers produced by UV-irradiation; also involved in base-excision repair [RGD, Feb 2006]
<b>Immunogen</b>	Recombinant protein corresponding to full length rat Polb.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), IP,
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	In antiserum (0.05% sodium azide)
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Polb polymerase (DNA directed), beta [ Rattus norvegicus (Norway rat) ]</a>
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<b>Official Symbol</b>	POLB
<b>Synonyms</b>	POLB; polymerase (DNA directed), beta; DNA polymerase beta; DNA pol beta; polymerase-beta; DNA-directed DNA polymerase beta;
<b>Entrez Gene ID</b>	<a href="#">29240</a>
<b>Protein Refseq</b>	<a href="#">NP_058837</a>
<b>UniProt ID</b>	<a href="#">P06766</a>
<b>Chromosome Location</b>	16q12.5
<b>Pathway</b>	BER complex; Base Excision Repair; Base excision repair; DNA Repair
<b>Function</b>	DNA binding; DNA-directed DNA polymerase activity; damaged DNA binding; enzyme binding

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