

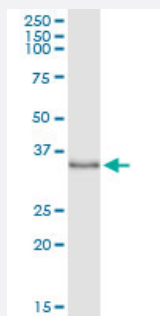
MaxPab®

POLB MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005423-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of POLB transfected lysate using anti-POLB MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with POLB MaxPab mouse polyclonal antibody (B01) ([H00005423-B01](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human POLB protein.
Immunogen	POLB (AAI06910.1, 1 a.a. ~ 335 a.a) full-length human protein.
Sequence	MSKRKAPQETLNGGITDMLTELANFEKNVSQAIHKYNAYRKAASVIKYPHKIKSGAEAKKLPGVG TKIAEKIDEFLATGKLRKLEKIRQDDTSSSINFLTRVSGIGPSAARKFVDEGIKTLEDLRKNEDKLNH HQRIGLKYFGDFEKRIPREEMLQMQDVLNEVKKVDSEYIATVCGSFRRGAESSGDMDVLLTHPSF TSESTKQPKLLHQVVEQLQKVHFITDLSKGETKFMGVCQLPSKNDEKEYPHRRIDIRLIPKDQYYC GVLYFTGSDIFNKNMRAHALEKGTINEYTIRPLGVTGVAGEPLPVDSEKDIFDYQWKYREPKDRS E
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — POLB

Entrez GeneID	5423
GeneBank Accession#	NM_002690
Protein Accession#	AAI06910.1
Gene Name	POLB
Gene Alias	MGC125976
Gene Description	polymerase (DNA directed), beta
Omim ID	174760
Gene Ontology	Hyperlink
Gene Summary	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).[supplied by OMIM]
Other Designations	DNA pol beta DNA polymerase beta subunit

Pathway

- [Base excision repair](#)

Disease

- [Adenocarcinoma](#)
- [Adenomyoma](#)
- [Ataxia telangiectasia](#)

- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Graft vs Host Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)

- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)