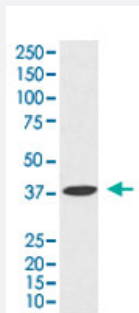


POLB monoclonal antibody, clone ACGH-16

Catalog # MAB22180 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of A-431 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic protein of human POLB.
Immunogen	A synthetic peptide corresponding to human POLB.
Host	Rabbit
Reactivity	Human
Specificity	This antibody reacts with human, mouse, rat POLB, in native form and recombinant. Superfamily members of POLB are not reactive to antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of A-431 cell lysate.

Gene Info — POLB

Entrez GeneID[5423](#)**Protein Accession#**[P06746](#)**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](#)