

POLD3 rabbit monoclonal antibody

Catalog # H00010714-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POLD3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human POLD3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human POLD3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — POLD3

Entrez GeneID	10714
GeneBank Accession#	POLD3
Gene Name	POLD3
Gene Alias	KIAA0039, MGC119642, MGC119643, P66, P68
Gene Description	polymerase (DNA-directed), delta 3, accessory subunit
Omim ID	611415
Gene Ontology	Hyperlink
Gene Summary	The DNA polymerase delta complex is involved in DNA replication and repair, and it consists of the proliferating cell nuclear antigen (PCNA; MIM 176740), the multisubunit replication factor C (see MIM 102579), and the 4 subunit polymerase complex: POLD1 (MIM 174761), POLD2 (MIM 600815), POLD3, and POLD4 (MIM 611525) (Liu and Warbrick, 2006 [PubMed 16934752]).[supplied by OMIM]
Other Designations	DNA polymerase delta, subunit 3 polymerase (DNA directed), delta 3

Pathway

- [Base excision repair](#)
- [DNA replication](#)
- [Homologous recombination](#)
- [Metabolic pathways](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Urinary Bladder Neoplasms](#)