

POLE rabbit monoclonal antibody

Catalog # H00005426-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human POLE peptide using ARM Technology.
Immunogen	A synthetic peptide of human POLE 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 POLE 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 — POLE

Entrez GeneID	5426
GeneBank Accession#	POLE
Gene Name	POLE
Gene Alias	DKFZp434F222, FLJ21434, POLE1
Gene Description	polymerase (DNA directed), epsilon
Omim ID	174762
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	DNA polymerase epsilon catalytic subunit

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Kidney Failure](#)

- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)