

POLS rabbit monoclonal antibody

Catalog # H00011044-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	11044
GeneBank Accession#	POLS
Gene Name	POLS
Gene Alias	LAK-1, POLK, TRF4, TRF4-1
Gene Description	polymerase (DNA directed) sigma
Omim ID	605198
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a DNA polymerase that is likely involved in DNA repair. In addition, the encoded protein may be required for sister chromatid adhesion. [provided by RefSeq]
Other Designations	DNA polymerase kappa DNA polymerase sigma OTTHUMP00000115520 polymerase (DNA-directed) sigma topoisomerase-related function protein 4-1

Pathway

- [RNA degradation](#)

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)