

POLI polyclonal antibody

Catalog # PAB12066

Size 50 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of POLI.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human POLI.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to human DNA Polymerase Iota.
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°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

Gene Info — POLI

Entrez GeneID

[11201](#)

Gene Name	POL I
Gene Alias	RAD30B, RAD30B
Gene Description	polymerase (DNA directed) iota
Omim ID	605252
Gene Ontology	Hyperlink
Gene Summary	iota
Other Designations	RAD30 homolog B polymerase (DNA-directed), iota

Publication Reference

- [Human DNA polymerase iota promiscuous mismatch extension.](#)

Vaisman A, Tissier A, Frank EG, Goodman MF, Woodgate R.

The Journal of Biological Chemistry 2001 Aug; 276(33):30615.

- [Altered nucleotide misinsertion fidelity associated with poliota-dependent replication at the end of a DNA template.](#)

Frank EG, Tissier A, McDonald JP, Rasic-Otrin V, Zeng X, Gearhart PJ, Woodgate R.

The EMBO Journal 2001 Jun; 20(11):2914.

- [Misinsertion and bypass of thymine-thymine dimers by human DNA polymerase iota.](#)

Tissier A, Frank EG, McDonald JP, Iwai S, Hanaoka F, Woodgate R.

The EMBO Journal 2000 Oct; 19(19):5259.

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Carcinoma](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

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