

DNA Polymerase θ Antibody

Catalog No: #33611

Package Size: #33611-1 50ul #33611-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

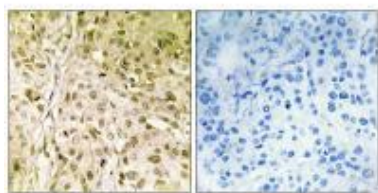
Product Name	DNA Polymerase θ Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Mouse
Specificity	The antibody detects endogenous levels of total DNA Polymerase θ protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human DNA Polymerase θ .
Target Name	DNA Polymerase θ
Other Names	DNA polymerase theta; EC 2.7.7.7; DNA polymerase eta; POLQ; POLH
Accession No.	Swiss-Prot: O75417NCBI Gene ID: 10721
Uniprot	O75417
GeneID	10721;
SDS-PAGE MW	200kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

IFoO 1:50-200

ImmunofluorescenceoO 1:50-200

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using DNA Polymerase θ antibody #33611.

Background

Has a DNA polymerase activity on nicked double-stranded DNA and on a singly primed DNA template. The enzyme activity is resistant to aphidicolin, and inhibited by dideoxynucleotides. Exhibits a single-stranded DNA-dependent ATPase activity. Could be involved in the repair of interstrand cross-links.

Sharief F.S., Genomics 59:90-96(1999).

Harris P.V., Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only