SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DNA Polymerase epsilon p59 antibody

Catalog Number: SL14356R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DNA Polymerase epsilon p59
Immunogen:	KLH conjugated synthetic peptide derived from human DNA Polymerase epsilon p59: 101-200/527
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat,Cow,Horse,Sheep)
Predicted MW.:	59kDa
Subcellular Location:	The nucleus
Background:	DNA replication, recombination and repair, all of which are necessary for genome stability, require the presence of exonucleases **Function:** Participates in DNA repair and in chromosomal DNA replication. **Subcellular Location:** Nucleus. **Similarity:** Belongs to the DNA polymerase epsilon subunit B family. **Database links:** **Entrez Gene:** 5427 Human Omim: 602670 Human **SwissProt:** P56282 Human **Unigene:** 162777 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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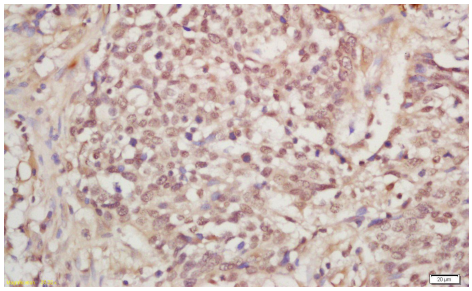
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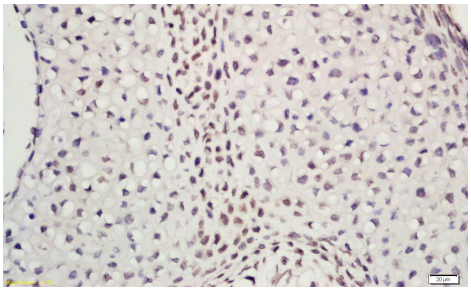
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[VALIDATION IMAGES]



Tissue/cell: human laryngo carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-POLE2 Polyclonal Antibody, Unconjugated(SL14356R) 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Mouse embryos tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-DNA Polymerase epsilon p59 Polyclonal Antibody, Unconjugated(SL14356R) 1:200, overnight at 4℃, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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