

Goat anti-Human POLK Polyclonal Antibody | anti-POLK antibody

Goat Polyclonal to Human POLK

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50739	Goat	Human	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

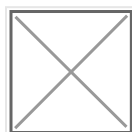
PRODUCT SYNONYMS

POLK; Polyclonal Antibody; Goat Polyclonal to Human POLK; Anti-POLK Antibody (aa817-830) IHC-plus; DINP; DNA polymerase kappa; DINB1; DINB protein; Human POLK; anti-POLK antibody

PRODUCT SPECIFICATIONS

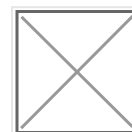
Host	Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	Amino acids 817-830 of Human POLK (polymerase (DNA directed) kappa).
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	870
Applicable Applications for anti-POLK antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human POLK.
Immunogen Type	Synthetic peptide
Immunogen	POLK antibody was raised against synthetic peptide from human POLK.
Antigen Modification	aa817-830
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-POLK Antibody - Western Blot. Western blot of Affinity Purified anti-POLK antibody shows detection of a band ~98 kD corresponding to human POLK (arrowhead). Approximately 35 ug of a HeLa whole cell lysate was separated by 4-20% SDS-PAGE and transferred onto nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1000. Reaction occurred overnight at 4? followed by washes and reaction with a 1:20000 dilution of IRDye800 conjugated Rb-a-Goat IgG [H&L] MXHu (for 45 min at room temperature. IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.



IHC (Immunohistochemistry)

Anti-POLK antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705344
NCBI GeneID	51426
NCBI Accession #	NP_057302.1
NCBI GenBank Nucleotide #	NM_016218.2
UniProt Accession #	Q9UBT6; Q5Q9G5; Q5Q9G6; Q5Q9G7; Q5Q9G8; Q86VJ8; Q8IZY0; Q8IZY1; Q8NB30; Q96L01; Q96Q86; B2RBD2
Molecular Weight	88,342 Da
NCBI Official Full Name	DNA polymerase kappa
NCBI Official Synonym Full Names	polymerase (DNA directed) kappa
NCBI Official Symbol	POLK
NCBI Official Synonym Symbols	DINP; POLQ; DINB1
NCBI Protein Information	DNA polymerase kappa
UniProt Protein Name	DNA polymerase kappa
UniProt Gene Name	POLK
UniProt Synonym Gene Names	DINB1; DINP
UniProt Entry Name	POLK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/polk-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/50739>