

Rabbit POLQ Polyclonal Antibody | anti-POLQ antibody

POLQ Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199981	Rabbit	Tested Reactivity: Human (Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat)	Western Blot

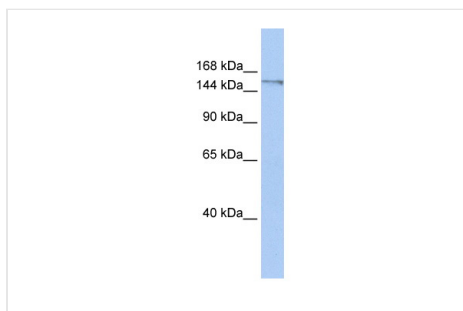
PRODUCT SYNONYMS

POLQ; Polyclonal Antibody; POLQ Antibody - C-terminal region; anti-POLQ antibody

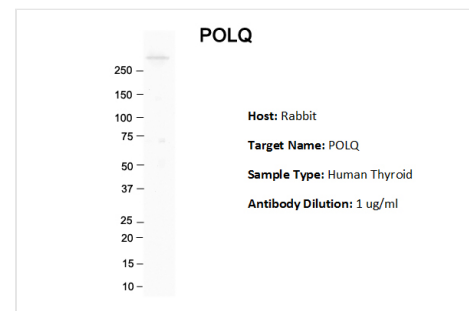
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human (Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat)
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: GH SFSFTSSDDI AEVLFLELKL PPNREMKNQG SKKTLGSTRR GIDNGRKL
Sequence Length	1762
Applicable Applications for anti-POLQ antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human POLQ
Protein Size (#AA)	1762 amino acids
Protein Interactions	AP2S1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

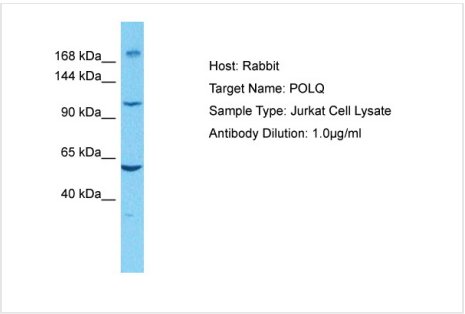
IMAGES


WB (Western Blot)

POLQ (polymerase (DNA directed), theta) Antibody (against the C terminal of POLQ) (50ug) validated by WB using Placenta Lysate at 0.2-1 ug/ml.

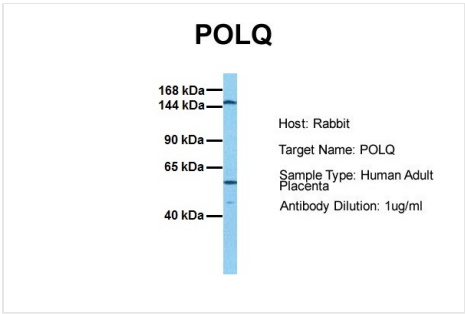

WB (Western Blot)

Host: Rabbit Target Name: POLQ Sample Tissue: Human Thyroid Antibody Dilution: 1.0ug/ml



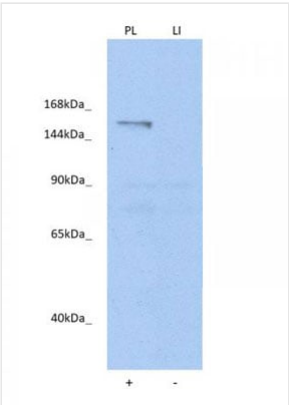
WB (Western Blot)

Host: RabbitTarget: POLQSample Tissue: Human Jurkat Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: RabbitTarget: POLQSample Tissue: Human Adult PlacentaAntibody Dilution: 1.0ug/ml



Application Data

Host: RabbitTarget: PQLQPositive Control (+): Human Placenta (PL)Negative Control (-): Human Liver (LI)Antibody Concentration: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-POLQ antibody	This is a rabbit polyclonal antibody against POLQ. It was validated on Western Blot using a cell lysate as a positive control. Target Description: POLQ belongs to the DNA polymerase type-A family. POLQ could be involved in the repair of interstrand cross-links.
Product Categories/Family for anti-POLQ antibody	Polyclonal; Various; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	119599917
NCBI GeneID	10721
NCBI Accession #	NP_955452.3
NCBI GenBank Nucleotide #	NM_199420.3
UniProt Accession #	O75417
Molecular Weight	180kDa
NCBI Official Full Name	polymerase (DNA directed), theta, isoform CRA_b
NCBI Official Synonym Full Names	DNA polymerase theta
NCBI Official Symbol	POLQ
NCBI Official Synonym Symbols	PRO0327

NCBI Protein Information	DNA polymerase theta
UniProt Protein Name	DNA polymerase theta
UniProt Gene Name	POLQ
UniProt Synonym Gene Names	POLH
UniProt Entry Name	DPOLQ_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://www.aaabiotech.com/polyclonal/polq-antibody-western-blot-elisa/199981>