

Rabbit anti-Human POLG2 Polyclonal Antibody | anti-POLG2 antibody

POLG2 antibody

CATALOG # AAA305171	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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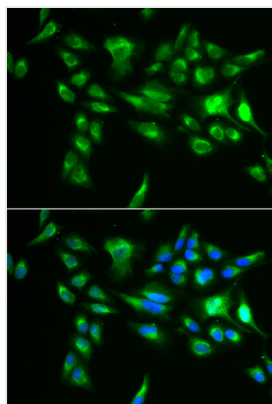
PRODUCT SYNONYMS

POLG2; Polyclonal Antibody; POLG2 antibody; HP55; POLB; PEOA4; POLGB; MTPOLB; POLG-BETA; anti-POLG2 antibody

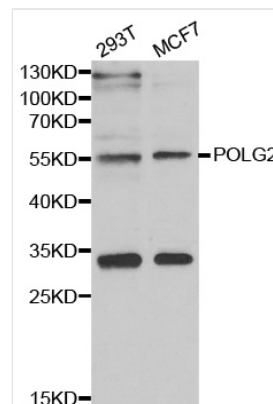
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total POLG2 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	485
Applicable Applications for anti-POLG2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human POLG2.
Target Name	POLG2
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using POLG2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using POLG2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-POLG2 antibody	This gene encodes the processivity subunit of the mitochondrial DNA polymerase gamma. The encoded protein forms a heterotrimer containing one catalytic subunit and two processivity subunits. This protein enhances DNA binding and promotes processive DNA synthesis. Mutations in this gene result in autosomal dominant progressive external ophthalmoplegia with mitochondrial DNA deletions.
Product Categories/Family for anti-POLG2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	70887790
NCBI GeneID	11232
NCBI Accession #	NP_009146.2
NCBI GenBank Nucleotide #	NM_007215.3
UniProt Accession #	Q9UHN1; O00419; Q0IJ81; Q96GW2; Q9UK35; Q9UK94
Molecular Weight	54,911 Da
NCBI Official Full Name	DNA polymerase subunit gamma-2, mitochondrial
NCBI Official Synonym Full Names	polymerase (DNA directed), gamma 2, accessory subunit
NCBI Official Symbol	POLG2
NCBI Official Synonym Symbols	HP55; POLB; PEOA4; POLGB; MTPOLB; POLG-BETA
NCBI Protein Information	DNA polymerase subunit gamma-2, mitochondrial
UniProt Protein Name	DNA polymerase subunit gamma-2, mitochondrial
UniProt Gene Name	POLG2
UniProt Synonym Gene Names	MTPOLB; p55
UniProt Entry Name	DPOG2_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/polg2-antibody-immunofluorescence-western-blot-elisa/305171>