

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

POLG2 Polyclonal Antibody

CATALOG # AAA171867	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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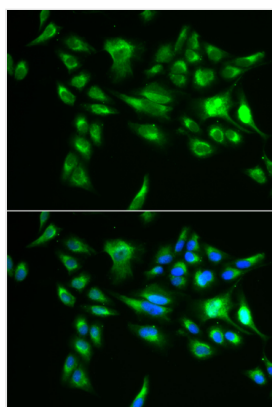
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

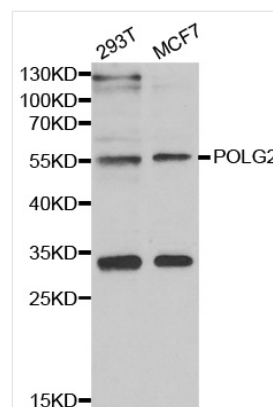
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Applicable Applications for anti-POLG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human POLG2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160288 / sc-160290
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113828909
NCBI GeneID	11232
Molecular Weight	Calculated MW: 54kDa
NCBI Official Full Name	POLG2 protein, partial
NCBI Official Synonym Full Names	polymerase (DNA) 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-immunohistochemistry-western-blot-elisa/171867>