

POLG2

Reactivity: Human

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW: 54kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human POLG2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HP55; POLB; PEOA4; POLGB; MTPOLB; POLG-BETA;

Catalog #: A6695

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 11232

Isotype: IgG

Swiss Prot: Q9UHN1

Purity: Affinity purification

For research use only.

Background:

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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