

A14504

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POLG2 Rabbit pAb

Catalog No.: A14504

Basic Information

Observed MW

Refer to Figures

Calculated MW

55kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse,Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
11232

Swiss Prot
Q9UHN1

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-250 of human POLG2 (NP_009146.2).

Synonyms

HP55; POLB; PEOA4; POLGB; MTPOLB; MTDPS16; MTDPS16A; MTDPS16B; POLG-BETA; POLG2

Contact

 www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.