

For Research Use Only

POLG2 Recombinant antibody, PBS Only

Catalog Number: 85852-4-PBS



Basic Information

Catalog Number:

85852-4-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1424

GenBank Accession Number:

BC009194

GeneID (NCBI):

11232

UNIPROT ID:

Q9UHN1

Full Name:

polymerase (DNA directed), gamma 2, accessory subunit

Calculated MW:

55 kDa

Observed MW:

52-55 kDa

Purification Method:

Protein A purification

CloneNo.:

250198G10

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

by POLG) and an accessory subunit (encoded by POLG2). POLG2(DNA polymerase subunit gamma-2, mitochondrial) can stimulate the polymerase and exonuclease activities (PMID: 37085601). Defects in POLG2 are the cause of progressive external ophthalmoplegia with mitochondrial DNA deletions autosomal dominant type 4 (PEOA4) (PMID: 16685652).Western blot result suggested that the POLG2 expressed in cell lines with a single band of 52-55kd.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

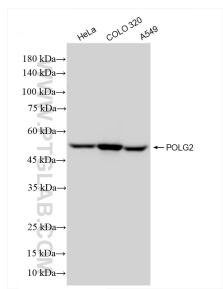
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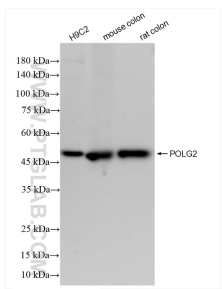
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85852-4-RR (POLG2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85852-4-PBS in a different storage buffer formulation.



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