

For Research Use Only

# OPA3 Monoclonal antibody, PBS Only



Catalog Number: 68241-1-PBS

## Basic Information

Catalog Number:

68241-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8173

GenBank Accession Number:

BC005059

GeneID (NCBI):

80207

UNIPROT ID:

Q9H6K4

Full Name:

optic atrophy 3 (autosomal recessive, with chorea and spastic paraplegia)

Calculated MW:

179 aa, 20 kDa

Observed MW:

20 kDa

Purification Method:

Protein G purification

CloneNo.:

5A3F9

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human

## Background Information

The OPA3 cDNA encodes a deduced 179-amino acid protein. Northern blot analysis demonstrated a primary transcript of approximately 5.0 kb that was ubiquitously expressed, most prominently in skeletal muscle and kidney. Mutations in this gene have been shown to result in 3-methylglutaconic aciduria type III and autosomal dominant optic atrophy and cataract.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

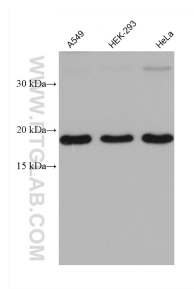
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68241-1-Ig (OPA3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68241-1-PBS in a different storage buffer formulation.