

For Research Use Only

# OIT3 Polyclonal antibody, PBS Only

Catalog Number: 32301-1-PBS



## Basic Information

Catalog Number:

32301-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36932

GenBank Accession Number:

NM\_152635.2

GeneID (NCBI):

170392

UNIPROT ID:

Q8WWZ8

Full Name:

oncoprotein induced transcript 3

Calculated MW:

60 kDa, 545aa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

Oncoprotein-induced transcript 3 protein (OIT3) is a liver-specific protein. It is involved in various biological processes, including lipid metabolism and ferroptosis regulation. OIT3 has been shown to mediate macrophage polarization and facilitate hepatocellular carcinoma (HCC) progression by regulating the arachidonic acid metabolism and reactive oxygen species (ROS) accumulation (PMID: 35353239). Additionally, OIT3 is implicated in the regulation of lipid metabolism, particularly in the context of triacylglycerol and very low-density lipoproteins (VLDLs) in the liver (PMID: 36132142).

## 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, pH7.3

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

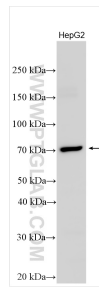
T: 4006900926

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

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32301-1-AP (OIT3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32301-1-PBS in a different storage buffer formulation.