

For Research Use Only

# GFOD1 Polyclonal antibody, PBS Only

Catalog Number: 32902-1-PBS



## Basic Information

Catalog Number:

32902-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37656

GenBank Accession Number:

BC119005

GeneID (NCBI):

54438

UNIPROT ID:

Q9NXC2

Full Name:

glucose-fructose oxidoreductase domain containing 1

Calculated MW:

390 aa, 43 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

Glucose-fructose oxidoreductase domain 1 (GFOD1), may be linked to the development of ADHD. It plays a role in regulating oxidative stress in ADHD. GFOD1 may contribute to increased levels of oxidative stress specifically in the prefrontal cortex and cerebellar cortex regions and astrocytes affected by ADHD via up-regulation of the NF- $\kappa$ B p65/NOX2/oxidative stress axis (PMID: 40210145). There is a signal peptide at the N-terminal of this protein and the detected double strand in fetal human brain tissue is consistent with PMID: 38946427.

## 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:

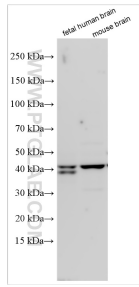
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 32902-1-AP (GFOD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32902-1-PBS in a different storage buffer formulation.