

For Research Use Only

GABPA Monoclonal antibody, PBS Only



Catalog Number: 68645-1-PBS

Basic Information

Catalog Number:

68645-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG33705

GenBank Accession Number:

BC035031

GeneID (NCBI):

2551

UNIPROT ID:

Q06546

Full Name:

GA binding protein transcription factor, alpha subunit 60kDa

Calculated MW:

454 aa, 51 kDa

Observed MW:

56-60 kDa

Purification Method:

Protein A purification

CloneNo.:

2A7E3

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, Mouse, Rat

Background Information

GA-binding protein alpha chain (GABP alpha subunit, GABPA, nuclear respiratory factor 2 subunit alpha, transcription factor E4TF1-60) is one of three GA-binding protein transcription factor subunits which functions as a DNA-binding subunit. GABPA is a member of Ets family, binds to the Yap promoter and activates YAP transcription (23684612). Since this subunit shares identity with a subunit encoding the nuclear respiratory factor 2 gene, it is likely involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. This subunit also shares identity with a subunit constituting the transcription factor E4TF1, responsible for expression of the adenovirus E4 gene. Because of its chromosomal localization and ability to form heterodimers with other polypeptides, this gene may play a role in the Down Syndrome phenotype.

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:

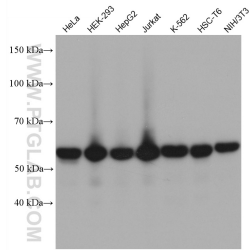
T: 4006900926

E: Proteintech-CN@ptglab.com

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 68645-1-Ig (GABPA antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68645-1-PBS in a different storage buffer formulation.