

For Research Use Only

CNOT3 Monoclonal antibody, PBS Only



Catalog Number: 68436-1-PBS

Basic Information

Catalog Number:

68436-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG33646

GenBank Accession Number:

BC016474

GeneID (NCBI):

4849

UNIPROT ID:

O75175

Full Name:

CCR4-NOT transcription complex, subunit 3

Calculated MW:

120 kDa

Observed MW:

120 kDa

Purification Method:

Protein G purification

CloneNo.:

2E12C6

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, pig, mouse, rat, rabbit

Background Information

The CCR4-NOT complex, the major deadenylase in mammalian cells, shortens the mRNA poly(A) tail and leads to the destabilization of mRNAs. The CCR4-NOT complex plays pivotal roles in various physiological functions, including cell apoptosis, proliferation, and metabolism [PMID:22342980]. CNOT3, belongs to the CCR4-NOT complex, has a critical role in maintaining mouse and human ESC identity as a protein complex and inhibit differentiation into the extraembryonic lineages. It is also involved in the regulation of the spindle assembly checkpoint [PMID:22342980,22367759].

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:

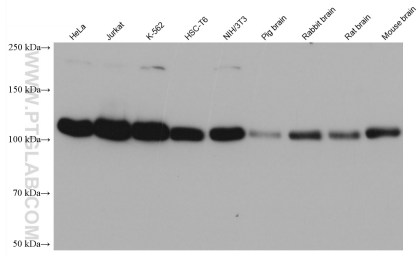
T: 4006900926

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 68436-1-Ig (CNOT3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68436-1-PBS in a different storage buffer formulation.