

CNOT3 Monoclonal antibody

Catalog Number: 68436-1-Ig

Basic Information

Catalog Number:

68436-1-Ig

Size:

1000 µg/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

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, pig, mouse, rat, rabbit

Positive Controls:

WB : HeLa cells, Jurkat cells, K-562 cells, HSC-T6 cells,
NIH/3T3 cells, pig brain tissue, rabbit brain tissue, rat
brain tissue, mouse brain tissue

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:

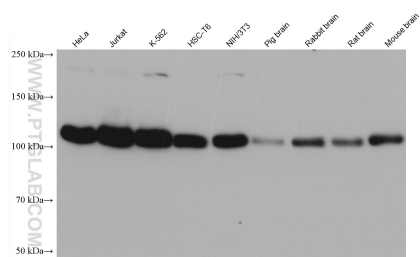
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.