

For Research Use Only

14-3-3 Monoclonal antibody, PBS Only



Catalog Number: 66061-1-PBS

Basic Information

Catalog Number:

66061-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6055

GenBank Accession Number:

BC056867

GeneID (NCBI):

10971

UNIPROT ID:

P27348

Full Name:

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide

Calculated MW:

28 kDa

Observed MW:

31 kDa, 28 kDa

Purification Method:

Protein G purification

CloneNo.:

2E10A3

Applications

Tested Applications:

WB, IP, IF, IHC, Indirect ELISA

Species Specificity:

human, rat, mouse, pig

Background Information

14-3-3 proteins interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and heterodimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

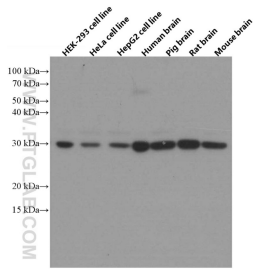
T: 4006900926

E: Proteintech-CN@ptglab.com

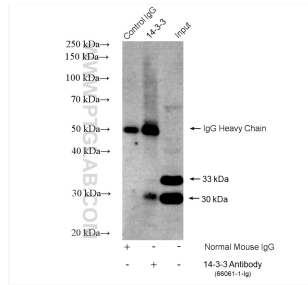
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

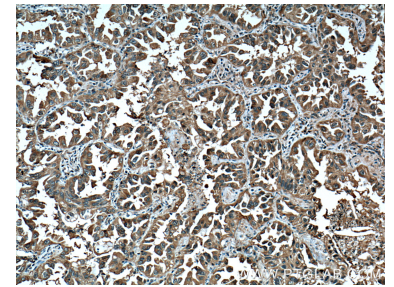
Selected Validation Data



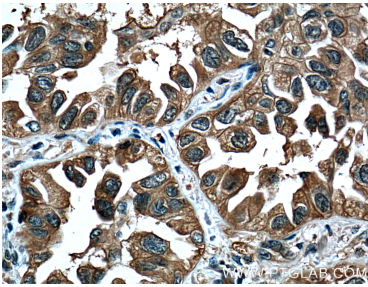
Various lysates were subjected to SDS PAGE followed by western blot with 66061-1-Ig (14-3-3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66061-1-PBS in a different storage buffer formulation.



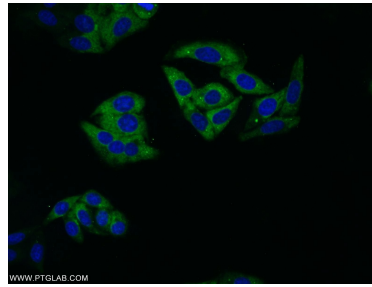
IP result of anti-14-3-3 (IP:66061-1-Ig, 4ug; Detection:66061-1-Ig 1:20000) with rat brain tissue lysate 1080 ug. This data was developed using the same antibody clone with 66061-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66061-1-Ig (14-3-3 Antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66061-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66061-1-Ig (14-3-3 Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66061-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HepG2 cells using 66061-1-Ig (14-3-3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L). This data was developed using the same antibody clone with 66061-1-PBS in a different storage buffer formulation.