

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:

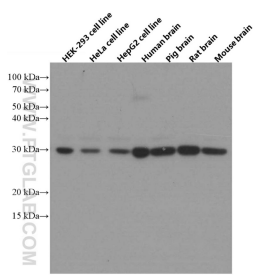
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

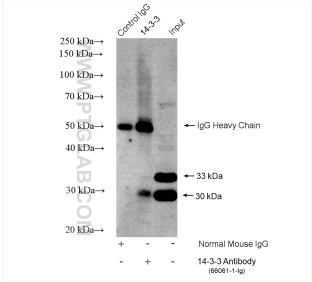
Storage Buffer:

PBS Only

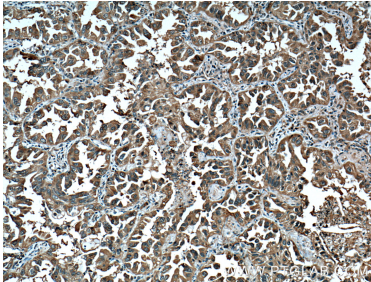
Selected Validation Data



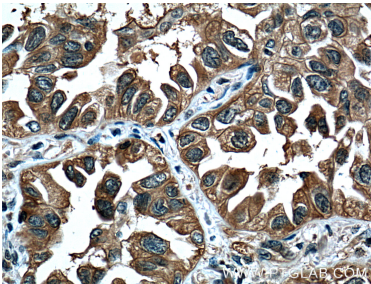
Various lysates were subjected to SDS PAGE followed by western blot with 66061-1-Ig (14-3-3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66061-1-PBS in a different storage buffer formulation.



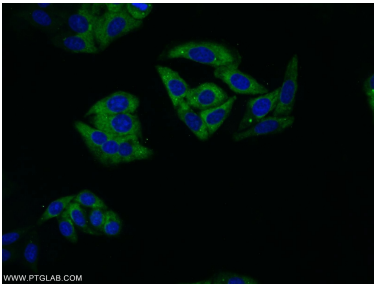
IP result of anti-14-3-3 (IP:66061-1-Ig, 4ug; Detection:66061-1-Ig 1:20000) with rat brain tissue lysate 1080 ug. This data was developed using the same antibody clone with 66061-1-PBS in a different storage buffer formulation.



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.