For Research Use Only

CIP2A Monoclonal antibody

Catalog Number:67843-1-Ig

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
67843-1-Ig

Size:
1000 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG19598

GenBank Accession Number:
BC130564

GeneID (NCBI):
57650

UNIPROT ID:
Q8TCG1

Full Name:
KIAA1524

Calculated MW:
905 aa, 102 kDa

Observed MW:
102 kDa

Purification Method:
Protein G purification

CloneNo.:
2A3F3

Recommended Dilutions:
WB 1:5000-1:50000
IF/ICC 1:200-1:800

Applications

Tested Applications:
IF/ICC, WB,ELISA

Species Specificity:
Human, rat

Positive Controls:

WB : LNCaP cells, HSC-T6 cells, PC-12 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells

IF/ICC : HeLa cells,

Background Information

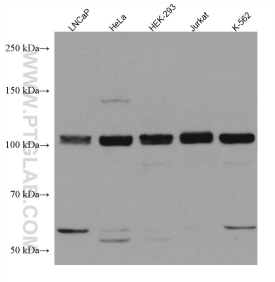
Cancerous inhibitor of protein phosphatase 2A (CIP2A) was originally identified as a cellular protein phosphatase 2A (PP2A) inhibitor, and has been shown to control oncogenic cellular signals by suppressing the tumor suppressor PP2A. CIP2A overexpression has been found in several human malignancies including breast cancer, hepatocellular carcinoma, gastric cancer, head and neck cancer, colon cancer, prostate cancer and non-small cell lung cancer. CIP2A is a 83~102 kDa cytoplasmic protein. (PMID: 26824320, PMID: 25458953, PMID: 29720672)

Storage

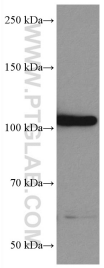
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

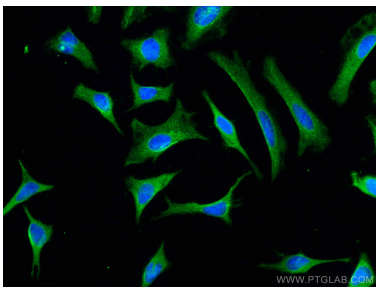
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67843-1-Ig (KIAA1524 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 67843-1-Ig (KIAA1524 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using KIAA1524 antibody (67843-1-Ig, Clone: 2A3F3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).