

For Research Use Only

CABLES1 Polyclonal antibody, PBS Only

Catalog Number: 13464-1-PBS



Basic Information

Catalog Number:

13464-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4251

GenBank Accession Number:

BC037218

GeneID (NCBI):

91768

UNIPROT ID:

Q8TDN4

Full Name:

Cdk5 and Abl enzyme substrate 1

Calculated MW:

568 aa, 63 kDa

Observed MW:

68 kDa, 42 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

CDK5 and ABL1 enzyme substrate 1 (CABLES1) is a novel Cdk2, Cdk3, and Cdk5 binding protein, which acts as a link between the Cdks and nonreceptor tyrosine kinases and regulates the activity of Cdks by enhancing their Y15 phosphorylation. CABLES1 is a candidate tumor suppressor that negatively regulates cell growth by inhibiting cyclin-dependent kinases.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

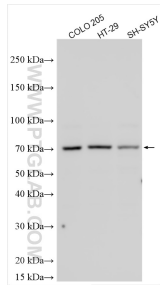
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

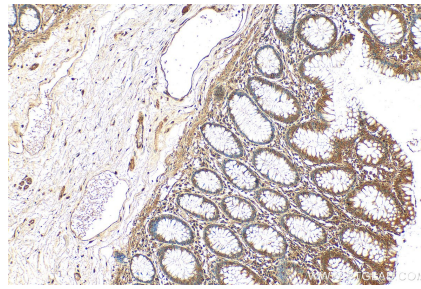
E: proteintech@ptglab.com
W: ptglab.com

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

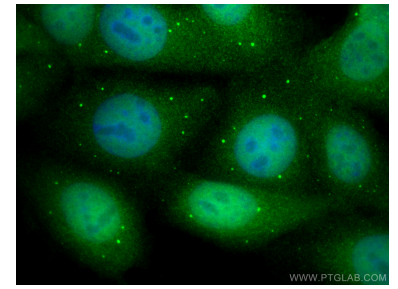
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13464-1-AP (CABLES1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13464-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 13464-1-AP (CABLES1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13464-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CABLES1 antibody (13464-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 13464-1-PBS in a different storage buffer formulation.