

For Research Use Only

# CABLES1 Polyclonal antibody, PBS Only

Catalog Number: 13464-1-PBS



## Basic Information

<b>Catalog Number:</b> 13464-1-PBS	<b>GenBank Accession Number:</b> BC037218	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 91768	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TDN4	
<b>Isotype:</b> IgG	<b>Full Name:</b> Cdk5 and Abl enzyme substrate 1	
<b>Immunogen Catalog Number:</b> AG4251	<b>Calculated MW:</b> 568 aa, 63 kDa	
	<b>Observed MW:</b> 68 kDa, 42 kDa	

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

**Storage Buffer:**  
PBS Only

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

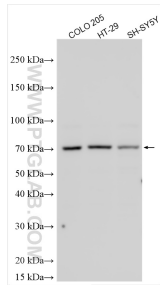
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

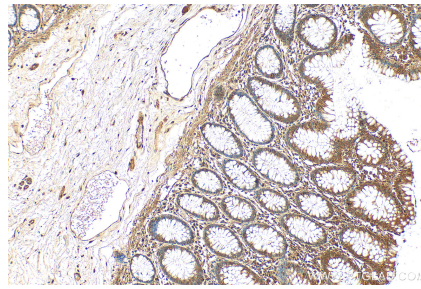
W: [ptgcn.com](http://ptgcn.com)

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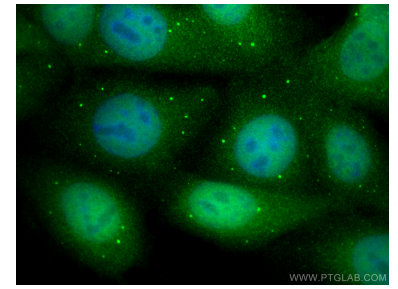
## Selected Validation Data



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.