

For Research Use Only

CIN85 Polyclonal antibody, PBS Only

Catalog Number: 12132-1-PBS

Featured Product



Basic Information

Catalog Number:

12132-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2777

GenBank Accession Number:

BC015806

GeneID (NCBI):

30011

UNIPROT ID:

Q96B97

Full Name:

SH3-domain kinase binding protein 1

Calculated MW:

665 aa, 73 kDa

Observed MW:

85 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

CIN85 is identified as a Cbl-interacting protein of 85 kDa and belongs to adaptor/scaffold proteins. It composed of three N-terminal SH3 domains followed by a proline-rich region and a C-terminal coiled-coil region. In association with c-Cbl (Casitas B-lineage lymphoma), an E3 ubiquitin ligase. As an adaptor protein, CIN85 is involved in Cbl-dependent EGFR internalization, intracellular receptor trafficking, sorting and degradation. Moreover, through the SH3 domains and the proline-rich region, CIN85 is implicated in many protein-protein interactions and it is found to play important roles in other processes such as apoptosis, rearrangement of actin cytoskeleton, cell adhesion, immunological synapse, cell migration and invasion.

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:

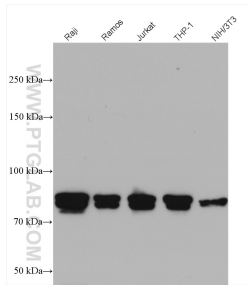
T: 4006900926

E: Proteintech-CN@ptglab.com

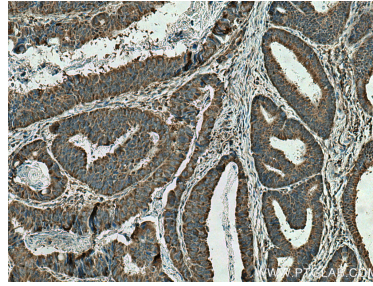
W: ptgcn.com

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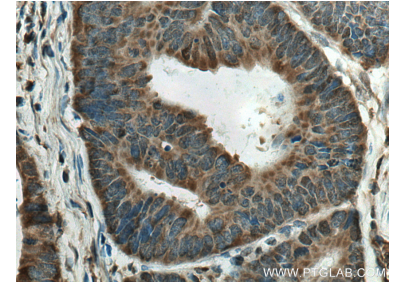
Selected Validation Data



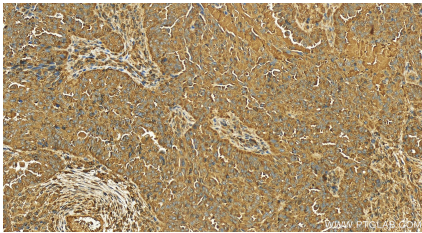
Various lysates were subjected to SDS PAGE followed by western blot with 12132-1-AP (CIN85 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12132-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12132-1-AP (CIN85 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 12132-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 12132-1-AP (CIN85 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12132-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 12132-1-AP (CIN85 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 12132-1-PBS in a different storage buffer formulation.