

For Research Use Only

# COBLL1 Polyclonal antibody, PBS Only

Catalog Number: 31191-1-PBS



## Basic Information

Catalog Number:

31191-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34853

GenBank Accession Number:

BC071588

GeneID (NCBI):

22837

UNIPROT ID:

Q53SF7

Full Name:

COBL-like 1

Observed MW:

160 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

Cordon-blue protein-like 1 (COBLL1), a negative regulator of apoptosis, is associated with lower insulin resistance. COBLL1 is involved in the cancer cell morphogenesis to a neuron-like cell shape observed in the CRPC model cells, promoting cell growth and migration (PMID: 29686105, 29686105). COBLL1 is highly expressed in most human tissues including lung, liver, kidney, pancreas, ovary, spinal cord and brain.

## 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, pH7.3

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

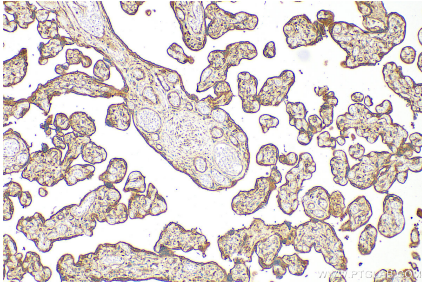
T: 4006900926

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

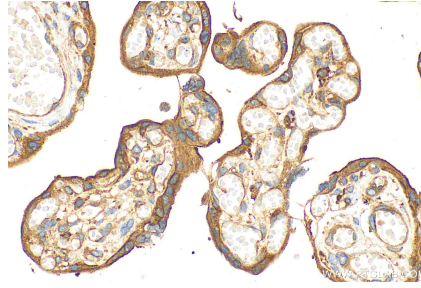
W: [ptgcn.com](http://ptgcn.com)

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

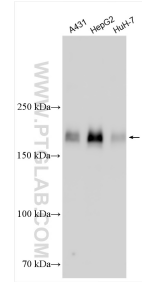
## Selected Validation Data



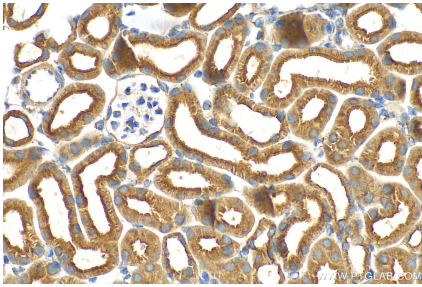
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31191-1-AP (COBLL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31191-1-PBS in a different storage buffer formulation.



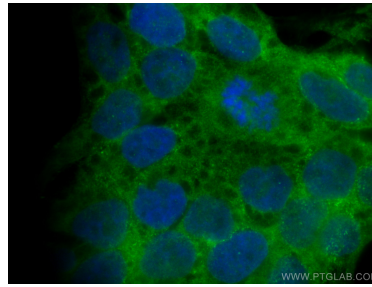
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31191-1-AP (COBLL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31191-1-PBS in a different storage buffer formulation.



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 31191-1-AP (COBLL1 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31191-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 31191-1-AP (COBLL1 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 31191-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HaCaT cells using COBLL1 antibody (31191-1-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 31191-1-PBS in a different storage buffer formulation.