

For Research Use Only

COBLL1 Polyclonal antibody

Catalog Number: 31191-1-AP



Basic Information

Catalog Number:

31191-1-AP

Size:

400 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34853

GenBank Accession Number:

BC071588

GeneID (NCBI):

22837

UNIPROT ID:

Q53SF7

Full Name:

COBL-like 1

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

IHC : mouse kidney tissue, human placenta tissue

IF/ICC : HaCaT cells,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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 -20°C. Stable for one year after shipment.

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:

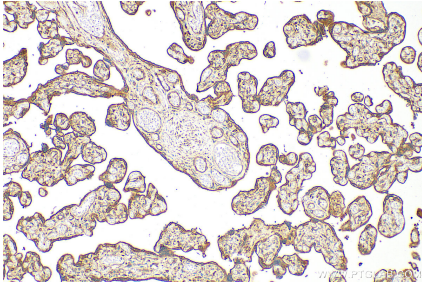
T: 4006900926

E: Proteintech-CN@ptglab.com

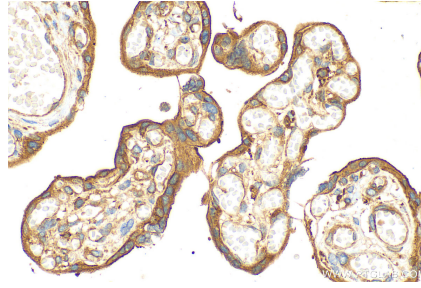
W: ptgcn.com

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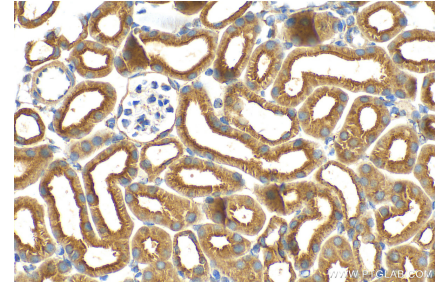
Selected Validation Data



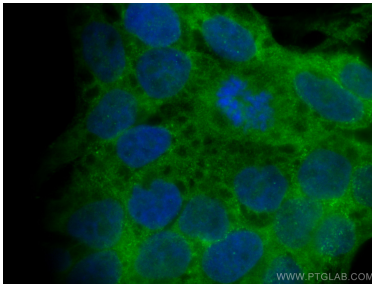
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31191-1-AP (COBLL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



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).