

For Research Use Only

DCBLD2 Polyclonal antibody

Catalog Number: 13168-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

13168-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3821

GenBank Accession Number:

BC029658

GeneID (NCBI):

131566

UNIPROT ID:

Q96PD2

Full Name:

discoidin, CUB and LCCL domain containing 2

Calculated MW:

775 aa, 89 kDa

Observed MW:

93 kDa, 127 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : MKN-45 cells, human liver tissue, human brain tissue, SW 1990 cells, U2OS cells

IP : U2OS cells,

IHC : human intrahepatic cholangiocarcinoma tissue,

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

DCBLD2, also known as ESDN or CLCP1, was first identified from human coronary arterial cells by a signal sequence trap method. DCBLD2 regulates proliferation, migration, and invasion in various tumors, including glioma, hypopharyngeal squamous cell carcinoma, and myxofibrosarcoma. The human DCBLD2 protein has a predicted molecular mass of 80 kDa based on its amino acid sequence, although it regularly displays an effective molecular mass of 130 kDa via SDS-PAGE (PMID: 30902898).

Notable Publications

Author	Pubmed ID	Journal	Application
Jing Zhang	38088494	Environ Toxicol	WB
Yuqi Xin	37925175	Aging (Albany NY)	WB
Qiankun Zhu	36777511	Am J Cancer Res	WB,IHC

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:

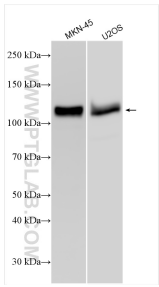
T: 4006900926

E: Proteintech-CN@ptglab.com

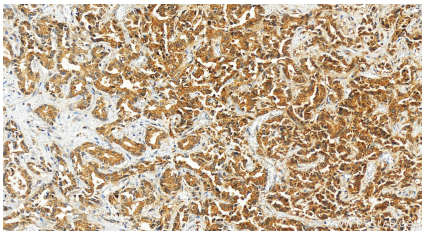
W: ptgcn.com

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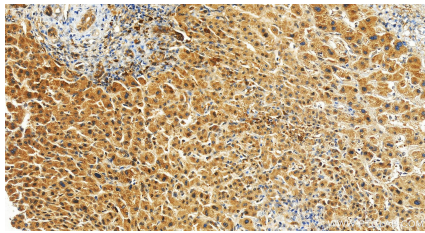
Selected Validation Data



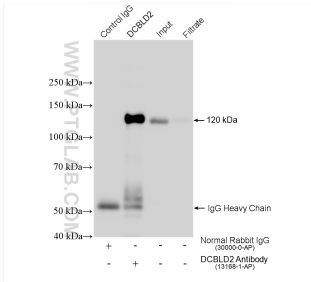
Various lysates were subjected to SDS PAGE followed by western blot with 13168-1-AP (DCBLD2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 13168-1-AP (DCBLD2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 13168-1-AP (DCBLD2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DCBLD2 (IP:13168-1-AP, 4ug; Detection:13168-1-AP 1:1000) with U2OS cells lysate 440 ug.