

For Research Use Only

DCBLD2 Recombinant antibody

Catalog Number: 85000-4-RR



Basic Information

Catalog Number: 85000-4-RR	GenBank Accession Number: BC029658	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 131566	CloneNo.: 242604E8
Source: Rabbit	UNIPROT ID: Q96PD2	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: discoidin, CUB and LCCL domain containing 2	IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Immunogen Catalog Number: AG32823	Calculated MW: 775 aa, 89 kDa	IHC 1:200-1:800
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, U2OS cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IP : U2OS cells,
	IHC : human colon cancer tissue, human rectal cancer tissue

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).

Storage

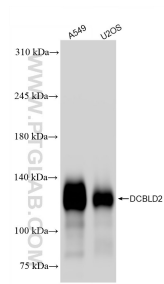
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

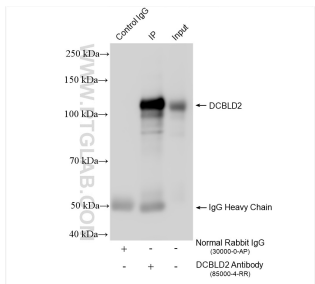
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

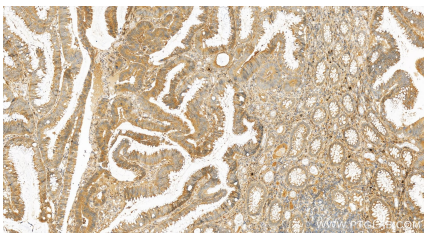
Selected Validation Data



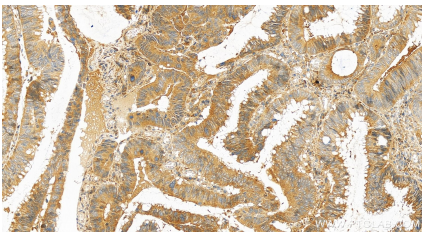
Various lysates were subjected to SDS PAGE followed by western blot with 85000-4-RR (DCBLD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



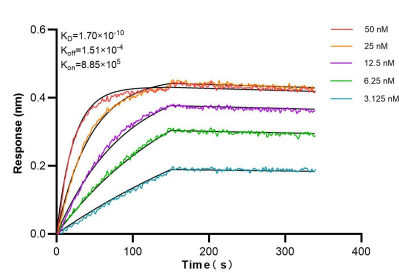
IP result of anti-DCBLD2 (IP:85000-4-RR, 4ug; Detection:85000-4-RR 1:2000) with U2OS cells lysate 1120 ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 85000-4-RR (DCBLD2 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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Biolayer interferometry (BLI) kinetic assays of 85000-4-RR against Human DCBLD2 were performed. The affinity constant is 0.170 nM.