

DCBLD2 Polyclonal antibody

Catalog Number: 30245-1-AP

Basic Information

Catalog Number:

30245-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32823

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:

120 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:300-1:1200

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, U2OS cells

IHC : human stomach cancer 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).

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

***** 20ul sizes contain 0.1% BSA**

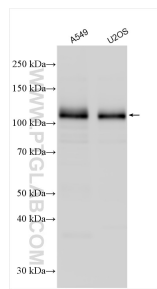
For technical support and original validation data for this product please contact:

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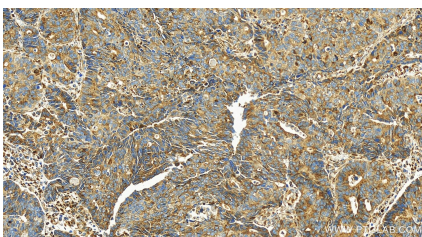
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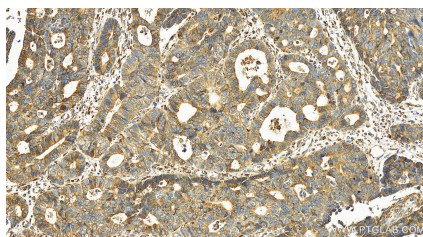
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30245-1-AP (DCBLD2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 30245-1-AP (DCBLD2 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 30245-1-AP (DCBLD2 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).