

For Research Use Only

CDCP1 Polyclonal antibody

Catalog Number: 12754-1-AP

2 Publications



Basic Information

Catalog Number:

12754-1-AP

Size:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3439

GenBank Accession Number:

BC021099

GeneID (NCBI):

64866

UNIPROT ID:

Q9H5V8

Full Name:

CUB domain containing protein 1

Calculated MW:

836 aa, 93 kDa

Observed MW:

72 kDa, 130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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

Positive Controls:

WB : A549 cells, LNCaP cells, PC-3 cells

IHC : human skin cancer tissue,

Background Information

CDCP1, also called CD318, TRASK, and SIMA 135, is a 135-140 kDa transmembrane protein containing three CUB domains within the extracellular region and a hexalysine stretch within the cytoplasmic region. A soluble form with MW 80 kDa (p80) is cleaved at an unidentified site on the N-terminal side. CDCP1 is a novel marker for hematopoietic stem cells.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------|-----------|-------------------|-------------|
| Fei Geng | 33260155 | Aging (Albany NY) | WB |
| Wanzun Lin | 32308755 | Theranostics | WB |

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:

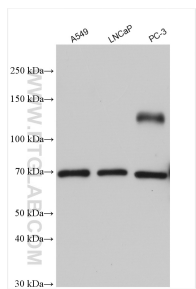
T: 4006900926

E: Proteintech-CN@ptglab.com

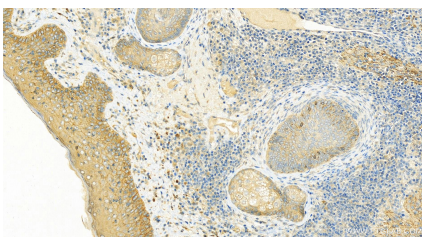
W: ptgcn.com

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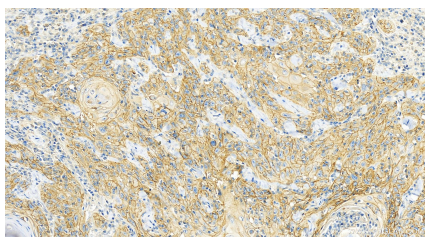
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12754-1-AP (CDCP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 12754-1-AP (CDCP1 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 skin cancer tissue slide using 12754-1-AP (CDCP1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).