

For Research Use Only

CBLL1 Polyclonal antibody

Catalog Number: 21179-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number: 21179-1-AP	GenBank Accession Number: BC027460	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 79872	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:200-1:800
Source: Rabbit	Full Name: Cas-Br-M (murine) ecotropic retroviral transforming sequence-like 1	
Isotype: IgG	Calculated MW: 491 aa, 55 kDa	
Immunogen Catalog Number: AG15463	Observed MW: 55-60 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IF, WB

Species Specificity:
human, mouse

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: HEK-293 cells, HeLa cells, MCF-7 cells

IHC: human colon cancer tissue, human lung cancer tissue

IF: HeLa cells,

Background Information

Cbl proto-oncogene E3 ubiquitin protein ligase-like 1, RNF188, Hakai (CBLL1) is an evolutionarily conserved E3 ubiquitin ligase containing a RING-finger domain. CBLL1 contains a typical RING-finger, short pTyr-binding domain, and proline-rich domain. CBLL1 expression is upregulated in human colon and gastric cancer tissues, and CBLL1 has been reported to induce anchorage-dependent cell growth. CBLL1 immunostaining was observed in both the nuclei and cytoplasm of cancer cells. (PMID: 31124298, PMID: 31646569, PMID: 21191016)

Notable Publications

Author	Pubmed ID	Journal	Application
Kyoko Sako-Kubota	25253721	Mol Biol Cell	WB
Zi Liu	36071249	Med Oncol	WB
Chunmei Hu	34764728	J Ginseng Res	IF

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

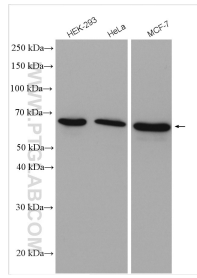
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

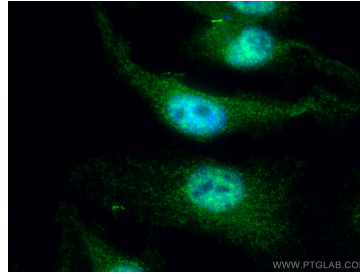
E: proteintech@ptglab.com
W: ptglab.com

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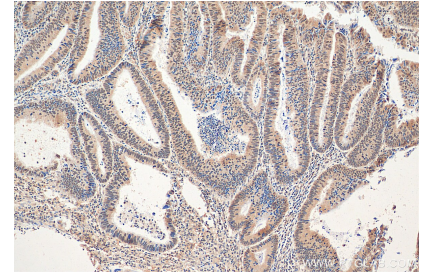
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21179-1-AP (CBL1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CBL1 antibody (21179-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 21179-1-AP (CBL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).