

CBLB Polyclonal Antibody

Catalog number: 12781-1-AP

Size: 41 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

CBLB; CBLB, DKFZp686J10223,

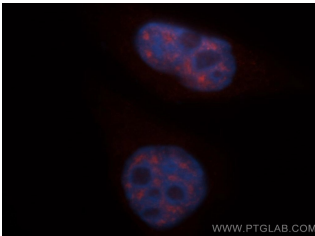
DKFZp779A0729,

DKFZp779F1443, FLJ36865,

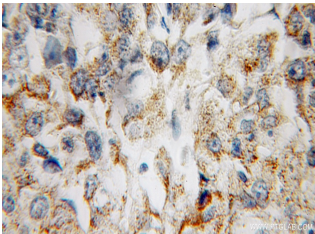
FLJ41152, Nbla00127, RING

finger protein 56, RNF56, SH3

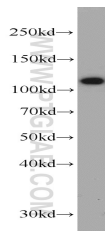
binding protein CBL B



Immunofluorescent analysis of HepG2 cells, using CBLB antibody 12781-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human lung cancer using 12781-1-AP (CBLB antibody) at dilution of 1:100 (under 10x lens)



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12781-1-AP (CBLB antibody) at dilution of 1:500

Background

CBLB (E3 ubiquitin-protein ligase CBL-B) is also named as RNF56 and plays a necessary role to prevent the inappropriate activation of NF- κ B in response to lipopolysaccharide and to polymicrobial sepsis. CBLB can be phosphorylated on tyrosine and serine residues upon TCR or BCR activation, and upon various types of cell stimulation.. It also has a crucial role in the prevention of chronic inflammation and autoimmunity. This protein has 4 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Cited applications:	FC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated CBLB MW:	982aa, 109 kDa
Observed CBLB MW:	109 kDa
Positive WB detected in:	HEK-293 cells, A549 cells
Positive IP detected in:	HEK-293 cells
Positive IHC detected in:	Human lung cancer tissue, human kidney tissue, human lung tissue, human placenta tissue, human spleen tissue, human testis tissue, mouse colon tissue
Positive IF detected in:	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:20-1:200

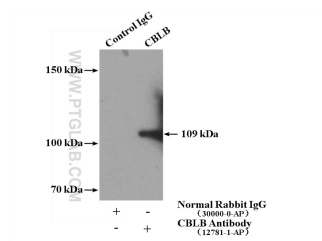
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3491
GenBank accession number:	BC032851
Gene ID (NCBI):	868
Full name:	Cas-Br-M (murine) ecotropic retroviral transforming sequence b

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-CBLB
(IP:12781-1-AP, 4ug;
Detection:12781-1-AP 1:300)
with HEK-293 cells lysate
3680ug.