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Datasheet for ABIN7112417 **anti-CBLC antibody**

Overview

Quantity:	100 µg
Target:	CBLC
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBLC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Cas-Br-M(murine) ecotropic retroviral transforming sequence c
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CBLC
Alternative Name:	CBLC (CBLC Products)
Background:	Synonyms: CBL3, RNF57 Background: Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Functionally coupled with the E2 ubiquitin-protein ligases UB2D1, UB2D2 and UB2D3. Regulator of EGFR mediated signal transduction,

Target Details

upon EGF activation, ubiquitinates EGFR. Isoform 1, but not isoform 2, inhibits EGF stimulated MAPK1 activation. Promotes ubiquitination of SRC phosphorylated at 'Tyr-419'. In collaboration with CD2AP may act as regulatory checkpoint for Ret signaling by modulating the rate of RET degradation after ligand activation, CD2AP converts it from an inhibitor to a promoter of RET degradation, the function limits the potency of GDNF on neuronal survival.

Molecular Weight: 52kd

Gene ID: 23624

UniProt: [Q9ULV8](#)

Pathways: [EGFR Signaling Pathway](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months