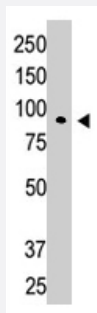


# CBLC polyclonal antibody

Catalog # PAB1698

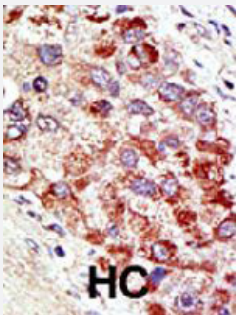
Size 400 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of CBLC polyclonal antibody (Cat # PAB1698) in K-562 cell lysate. CBLC (Arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with CBLC polyclonal antibody (Cat # PAB1698), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. HC = hepatocarcinoma.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of CBLC.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human CBLC.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification

<b>Recommend Usage</b>	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — CBLC

<b>Entrez GeneID</b>	<a href="#">23624</a>
<b>Protein Accession#</b>	<a href="#">NP_036248;Q9ULV8</a>
<b>Gene Name</b>	CBLC
<b>Gene Alias</b>	CBL-3, CBL-SL, RNF57
<b>Gene Description</b>	Cas-Br-M (murine) ecotropic retroviral transforming sequence c
<b>Omim ID</b>	<a href="#">608453</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	CBL proteins, such as CBLC, are phosphorylated upon activation of a variety of receptors that signal via protein tyrosine kinases. Through interactions with proteins containing SRC (MIM 190090) homology-2 (SH2) and SH3 domains, CBL proteins modulate downstream cell signaling (Keane et al., 1999 [PubMed 10362357]).[supplied by OMIM]
<b>Other Designations</b>	Cas-Br-M (murine) ectropic retroviral transforming sequence c

## Publication Reference

- [Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences.](#)

Strausberg RL, Feingold EA, Grouse LH, Derge JG, Klausner RD, Collins FS, Wagner L, Shenmen CM, Schuler GD, Altschul SF, Zeeberg B, Buetow KH, Schaefer CF, Bhat NK, Hopkins RF, Jordan H, Moore T, Max SI, Wang J, Hsieh F, Diatchenko L, Marusina K, Farmer AA, Rubin GM, Hong L, Stapleton M, Soares MB, Bonaldo MF, Casavant TL, Scheetz TE, Brownstein MJ, Ustin TB, Toshiyuki S, Carninci P, Prange C, Raha SS, Loquellano NA, Peters GJ, Abramson RD, Mullahy SJ, Bosak SA, McEwan PJ, McKernan KJ, Malek JA,

PNAS 2002 Dec; 99(26):16899.

- [Molecular cloning and characterization of a novel cbl-family gene, cbl-c.](#)

Kim M, Tezuka T, Suzuki Y, Sugano S, Hirai M, Yamamoto T.

Gene 1999 Oct; 239(1):145.

Application: IP, WB-Ce, WB-Tr, Human, COLO320DM, DLD-1, HCT-15, HEK 293T cells

- [cbl-3: a new mammalian cbl family protein.](#)

Keane MM, Ettenberg SA, Nau MM, Banerjee P, Cuella M, Penninger J, Lipkowitz S.

Oncogene 1999 Jun; 18(22):3365.

## Pathway

- [Chronic myeloid leukemia](#)
- [Endocytosis](#)
- [ErbB signaling pathway](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)
- [T cell receptor signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)