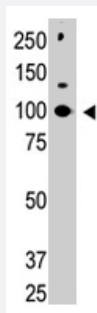


CBLC polyclonal antibody

Catalog # PAB1697

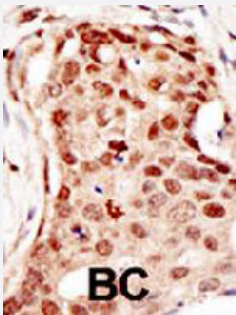
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CBLC polyclonal antibody (Cat # PAB1697) in HL-60 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 cancer tissue reacted with CBLC polyclonal antibody (Cat # PAB1697), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

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

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

Applications

- Western Blot (Cell lysate)

Western blot analysis of CBLC polyclonal antibody (Cat # PAB1697) in HL-60 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 cancer tissue reacted with CBLC polyclonal antibody (Cat # PAB1697), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Gene Info — CBLC

Entrez GeneID	23624
Protein Accession#	NP_036248;Q9ULV8
Gene Name	CBLC
Gene Alias	CBL-3, CBL-SL, RNF57
Gene Description	Cas-Br-M (murine) ecotropic retroviral transforming sequence c
Omim ID	608453
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	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](#)