

**Product Name: Phospho-CBL (Tyr774) Rabbit
Monoclonal Antibody
Catalog #: AMRe01549**

Summary

| | |
|------------------------|---|
| Production Name | Phospho-CBL (Tyr774) Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IP |
| Reactivity | Human,Rat |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Phosphorylated |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|--|
| Gene Name | CBL CBL; CBL2; RNF55; E3 ubiquitin-protein ligase CBL; Casitas B-lineage lymphoma proto-oncogene; Proto-oncogene c-Cbl; RING finger protein 55; Signal transduction protein |
| Alternative Names | CBL |
| Gene ID | 867 |
| SwissProt ID | P22681 |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB: 1/500-1/1000 IP: 1/20 |
| Molecular Weight | Calculated MW: 100 kDa; Observed MW: 120 kDa |

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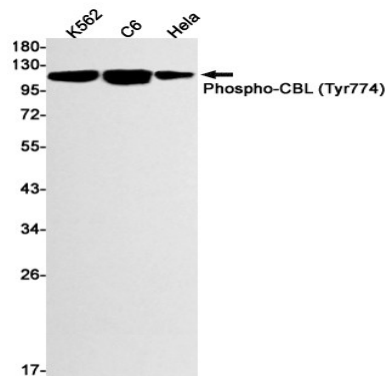
Background

This gene is a proto-oncogene that encodes a RING finger E3 ubiquitin ligase. The encoded protein is one of the enzymes required for targeting substrates for degradation by the proteasome. This protein mediates the transfer of ubiquitin from ubiquitin conjugating enzymes (E2) to specific substrates. This protein also contains an N-terminal phosphotyrosine binding domain that allows it to interact with numerous tyrosine-phosphorylated substrates and target them for proteasome degradation. As such it functions as a negative regulator of many signal transduction pathways. This gene has been found to be mutated or translocated in many cancers including acute myeloid leukaemia. Mutations in this gene are also the cause of Noonan syndrome-like disorder

Research Area

Cell Biology

Image Data



Western blot analysis of Phospho-CBL (Tyr774) in K562, C6, HeLa lysates using Phospho-CBL (Tyr774) antibody.

Note

For research use only.