

# CBL Rabbit mAb

Catalog No.: A22994 **Recombinant**

## Basic Information

**Observed MW**

110kDa

**Calculated MW**

100kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IHC-P, IP

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC59894

## 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, and expansion of CGG repeats in the 5' UTR has been associated with Jacobsen syndrome. Mutations in this gene are also the cause of Noonan syndrome-like disorder.

## Recommended Dilutions

**WB** 1:1000 - 1:5000**IHC-P** 1:100 - 1:500**IP** 0.5µg-4µg antibody for  
400µg-600µg extracts of  
whole cells

## Immunogen Information

**Gene ID**

867

**Swiss Prot**

P22681

**Immunogen**

Recombinant protein of human CBL.

**Synonyms**

CBL2; NSLL; C-CBL; RNF55; FRA11B; CBL

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

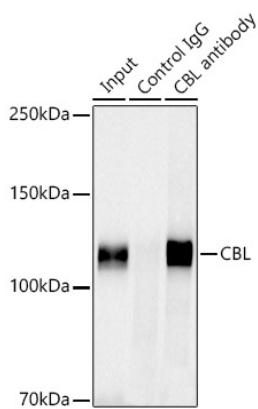
Affinity purification

**Storage**

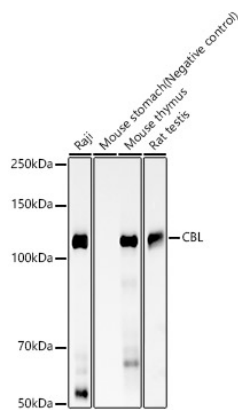
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

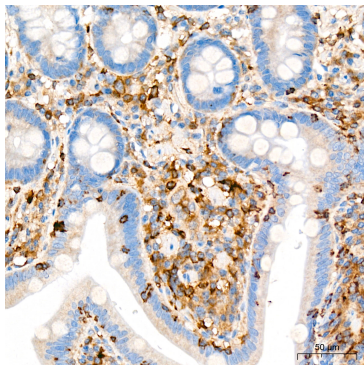
Validation Data



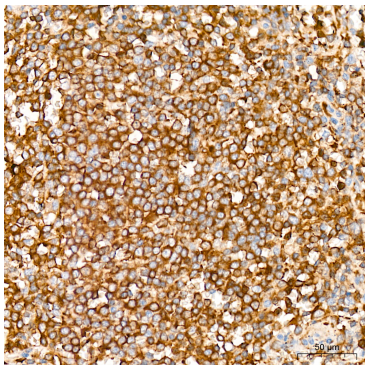
Immunoprecipitation analysis of 600 µg extracts of Rat testis cells using 3 µg CBL antibody (A22994). Western blot was performed from the immunoprecipitate using CBL antibody (A22994) at a dilution of 1:1000.



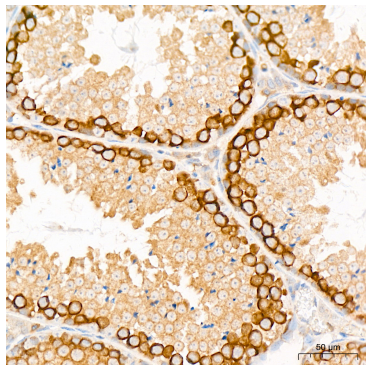
Western blot analysis of various lysates, using CBL Rabbit mAb (A22994) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



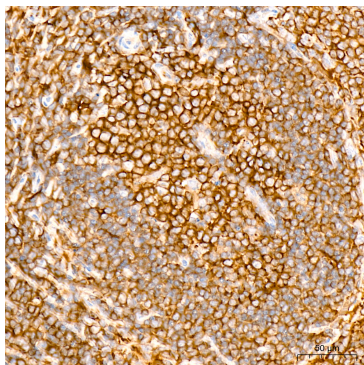
Immunohistochemistry analysis of CBL in paraffin-embedded human colon tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



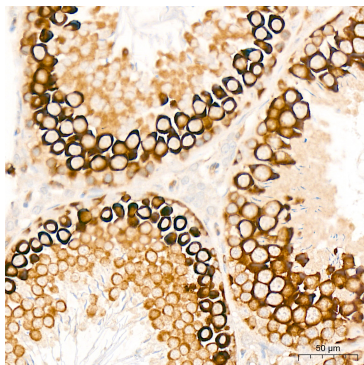
Immunohistochemistry analysis of CBL in paraffin-embedded human spleen tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



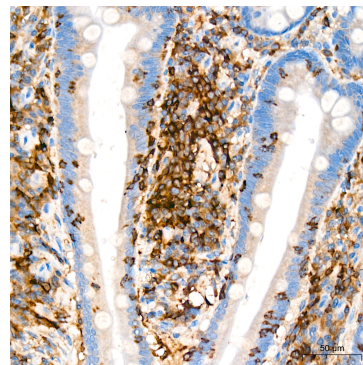
Immunohistochemistry analysis of CBL in paraffin-embedded mouse testis tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



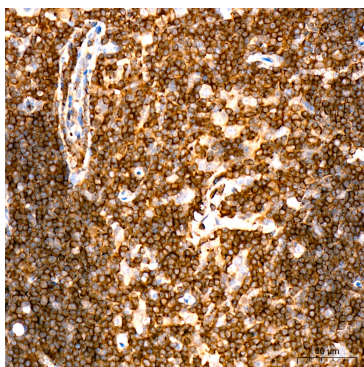
Immunohistochemistry analysis of CBL in paraffin-embedded rat spleen tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



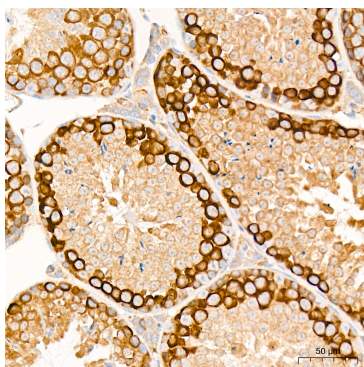
Immunohistochemistry analysis of CBL in paraffin-embedded rat testis tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



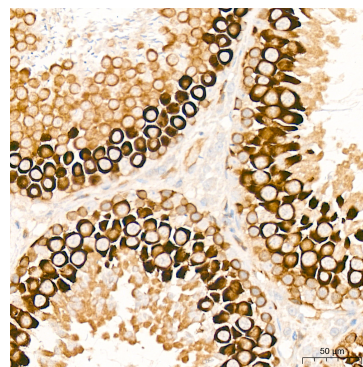
Immunohistochemistry analysis of CBL in paraffin-embedded human colon tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of CBL in paraffin-embedded mouse spleen tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of CBL in paraffin-embedded mouse testis tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of CBL in paraffin-embedded rat testis tissue using CBL Rabbit mAb (A22994) at a dilution of 1:300 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.