

Rabbit Cbl Polyclonal Antibody | anti-CBL antibody

Cbl Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39465	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

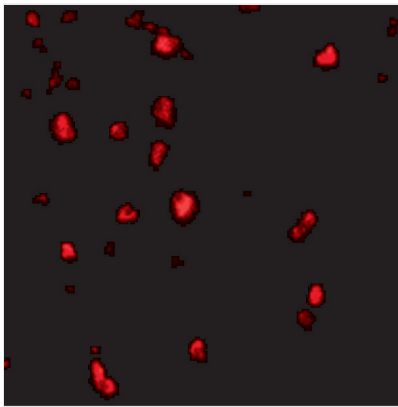
PRODUCT SYNONYMS

Cbl; Polyclonal Antibody; Cbl Antibody; CBL2; NSLL; C-CBL; RNF55; FRA11B; E3 ubiquitin-protein ligase CBL; Casitas B-lineage lymphoma proto-oncogene; Cas-Br-M (murine) ecotropic retroviral transforming sequence; anti-CBL antibody

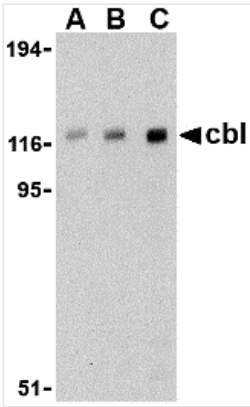
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Cbl Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	906
Applicable Applications for anti-CBL antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Cbl antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human cbl.
Buffer	Cbl Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Cbl antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of cbl in human lymph node tissue with cbl antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of cbl in Daudi cell lysate with cbl antibody at (A) 0.5, (B) 1, and (C) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CBL antibody	Cbl Antibody: The mammalian cbl family of ubiquitin ligases consists of three homologs known as cbl (also known as c-Cbl), Cbl-B, and Cbl-3 which share highly conserved a tyrosine-kinase-binding domain, linker and RING finger domain in their amino-terminal halves. Similar to other E3 ubiquitin ligases, Cbl catalyzes the transfer of ubiquitin from an E2 or Ubc (ubiquitin-conjugating) enzyme to the e-amino group of a lysine residue of the substrate protein. Cbl acts to negatively regulate many types of cell-surface receptors, including the Syk protein tyrosine kinase family. Cbl is thought to be involved in T- and B-cell signaling, in addition to thymus development. Of the three known homologs in the cbl family, cbl antibody reacts specifically with cbl. Multiple isoforms of cbl have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115855
NCBI GeneID	867
UniProt Accession #	P22681; A3KMP8
Molecular Weight	99,633 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase CBL
NCBI Official Synonym Full Names	Cbl proto-oncogene, E3 ubiquitin protein ligase
NCBI Official Symbol	CBL
NCBI Official Synonym Symbols	CBL2; NSLL; C-CBL; RNF55; FRA11B
NCBI Protein Information	E3 ubiquitin-protein ligase CBL; oncogene CBL2; proto-oncogene c-Cbl; RING finger protein 55; signal transduction protein CBL; casitas B-lineage lymphoma proto-oncogene; fragile site, folic acid type, rare, fra(11)(q23.3); Cas-Br-M (murine) ecotropic retroviral transforming sequence
UniProt Protein Name	E3 ubiquitin-protein ligase CBL
UniProt Gene Name	CBL
UniProt Synonym Gene Names	CBL2; RNF55
UniProt Entry Name	CBL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.