

CBL Polyclonal Antibody

Catalog No. E-AB-30784

Note: Centrifuge before opening to ensure complete recovery of vial contents.

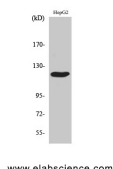
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthesized peptide derived from human Cbl around the non-phosphorylation site of Tyr674.
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:100-1:300
ELISA	1:5000

Data



Western Blot analysis of HepG2 cells with Cbl
Polyclonal Antibody.
Observed Mw:120kDa
Calculated Mw:100kDa

Preparation & Storage

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

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

For Research Use Only