

## Cbl (phospho-Y700) polyclonal antibody

Catalog: BS4541

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Cbl (also designated the c-Cbl proto-oncogene, E3 ubiquitin-protein ligase CBL, Casitas B-lineage lymphoma proto-oncogene and RING finger protein 55) has been identified as the cellular homolog of the v-Cbl oncogene isolated from an NFS/N mouse that developed a pre-B cell lymphoma following infection with the replication-competent Cas Br-M murine leukemic virus. c-Cbl is expressed at relatively high levels in a wide range of hematopoietic tumor cell lines as well as in normal tissues such as thymus and testis. The c-Cbl gene product has been identified as a cytoplasmic protein with apparent DNA binding and dimerization domains characteristic of transcription factors. A single c-Cbl locus termed CBL2 has been mapped to human chromosome 11q23. This region of chromosome 11 is involved in translocations and deletions in a broad range of leukemias; c-Cbl has been found to be translocated from chromosome 11 in leukemias with either t(4;11) or t(11;14) abnormalities.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 100, 120kDa

### Swiss-Prot:

P22681

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

p-Cbl (Y700) polyclonal antibody detects endogenous levels of Cbl only when phosphorylated at Tyr700.

### DATA:



Western blot (WB) analysis of p-Cbl (Y700) polyclonal antibody at

1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:NIH-3T3 cell lysate

Lane3:Rat kidney tissue lysate

### Note:

For research use only, not for use in diagnostic procedure.

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