## 35-1751: Polyclonal Antibody to c-Cbl (Ab-700)

| Clonality : | Polyclonal |
| :--- | :--- |
| Application : | WB,IHC |
| Reactivity : | Human |
| Gene : | CBL |
| Gene ID : | 867 |
| Uniprot ID : | P22681 |
| Format : | Purified |

Alternative Name :
Isotype :
Signal transduction protein CBL, Proto-oncogene c-CBL, Casitas B-lineage lymphoma protooncogene, RING finger protein 55

Immunogen Information : Peptide sequence around aa. 698~702 (T-E-Y-M-T) derived from Human c-Cbl.

## Description

Participates in signal transduction in hematopoietic cells. Adapter protein that functions as a negative regulator of many signaling pathways that start from receptors at the cell surface. Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Recognizes activated receptor tyrosine kinases, including PDGFA, EGF and CSF1, and terminates signaling.

## Product Info

| Amount : | $50 \mu \mathrm{l} / 100 \mu \mathrm{l}$ |
| :--- | :--- |
| Content: | Supplied at $1.0 \mathrm{mg} / \mathrm{mL}$ in phosphate buffered saline (without $\mathrm{Mg} 2+$ and $\mathrm{Ca} 2+$ ), $\mathrm{pH} 7.4,150 \mathrm{mM}$ <br>  <br> NaCl, $0.02 \%$ sodium azide and $50 \%$ glycerol. |
| Storage condition : | Store the antibody at $4^{\circ} \mathrm{C}$, stable for 6 months. For long-term storage, store at $-20^{\circ} \mathrm{C}$. Avoid <br> repeated freeze and thaw cycles. |

## Application Note

Predicted MW: 120kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100


Figure 1: Western blot analysis of extracts from Hela and HT29 cells using c-Cbl(Ab-700) Antibody 35-1751 .


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-CbI(Ab-700) Antibody 35-1751 (left) or the same antibody preincubated with blocking peptide(right).

