

## Phospho-c-Abl (Tyr735) Rabbit Polyclonal Antibody

### Catalog #: EAB10661

| Host/Isotype | Clonality  | Applications | MW (kDa) | Reactivity        |
|--------------|------------|--------------|----------|-------------------|
| Rabbit IgG   | Polyclonal | WB           | 123      | Human, Mouse, Rat |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**WB**(Western Blotting) 1:500-2000

### Product Information

|                       |                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugate</b>      | Unconjugate                                                                                                                            |
| <b>Specificity</b>    | Phospho-c-Abl (Thr735) Rabbit Polyclonal Antibody detects endogenous levels of c-Abl protein only when phosphorylated at Thr735.       |
| <b>Purification</b>   | Affinity purification                                                                                                                  |
| <b>Concentration</b>  | 1mg/ml                                                                                                                                 |
| <b>Format</b>         | Liquid                                                                                                                                 |
| <b>Formulation</b>    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol                                                               |
| <b>Shipping</b>       | Gel Pack                                                                                                                               |
| <b>Storage</b>        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| <b>UniProt ID</b>     | <a href="#">P00519</a>                                                                                                                 |
| <b>Entrez-Gene Id</b> | <a href="#">25</a>                                                                                                                     |

### Product Description

This gene is a protooncogene that encodes a protein tyrosine kinase involved in a variety of cellular processes, including cell division, adhesion, differentiation, and response to stress. The activity of the protein is negatively regulated by its SH3 domain, whereby deletion of the region encoding this domain results in an oncogene. The ubiquitously expressed protein has DNA-binding activity that is regulated by CDC2-mediated phosphorylation, suggesting a cell cycle function. This gene has been found fused to a variety of translocation partner genes in various leukemias, most notably the t(9;22) translocation that results in a fusion with the 5' end of the breakpoint cluster region gene (BCR; MIM:151410). Alternative splicing of this gene results in two transcript variants, which contain alternative first exons that are spliced to the remaining common exons.

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