

Ab11/2 Polyclonal Antibody

Description

| | |
|--------------------------------|--|
| Product type | Primary Antibody |
| Code | BT-AP00134 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Abl. AA range:361-410 |
| Mol wt | 122873 |
| Species reactivity | Human, Mouse |
| Clonality | Polyclonal |
| Recommended application | IHC-p, ELISA |
| Concentration | 1 mg/ml |
| Full name | Ab11/2 Antibody |
| Synonyms | ABL1; ABL; JTK7; Tyrosine-protein kinase ABL1; Abelson murine leukemia viral oncogene homolog 1; Abelson tyrosine-protein kinase 1; Proto-oncogene c-Abl; p150 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ABL1 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.

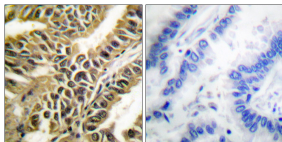
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Abl Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year