BT LAB
Bioassay Technology Laboratory

Optimize Your Research

Phospho-c-Abl (Y245) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00534
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human c-Abl around the phosphorylation site of Tyr245. AA range:196-245
Mol wt	122873
Species reactivity	Human, mouse, rat
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Phospho-c-Abl (Y245) 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

WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

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