

c-Abl(Phospho-Tyr412) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06658
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human c-Abl (Tyr412)
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	c-Abl
Synonyms	c-Abl ;Tyr412 ; Tyrosine-protein kinase ABL1; EC 2.7.10.2; 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

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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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