

c-Abl Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06878
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Recombinant Protein of c-Abl
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Tyrosine-protein kinase ABL1
Synonyms	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; 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

IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year