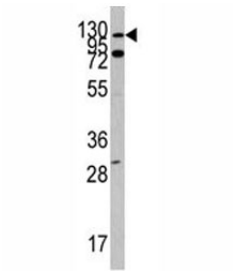
ABL1 Antibody (F50695)

Catalog No.	Formulation	Size
F50695-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50695-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
UniProt	P00519
Applications	Western blot: 1:1000
Limitations	This ABL1 antibody is available for research use only.



Western blot analysis of ABL1 antibody and Y79 lysate. Predicted molecular weight ~120-150 kDa.

Description

The ABL1 protooncogene encodes a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in processes of cell differentiation, cell division, cell adhesion, and stress response. Activity of c-Abl protein is negatively regulated by its SH3 domain, and deletion of the SH3 domain turns ABL1 into an oncogene. The t(9;22) translocation results in the head-to-tail fusion of the BCR and ABL1 genes present in many cases of chronic myelogeneous leukemia. The DNA-binding activity of the ubiquitously expressed ABL1 tyrosine kinase is regulated by CDC2-mediated

phosphorylation, suggesting a cell cycle function for ABL1.

Application Notes

Titration of the ABL1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 231-260 from the human protein was used as the immunogen for this ABL1 antibody.

Storage

Aliquot the ABL1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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