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Datasheet for ABIN3028519 anti-ABL1 antibody (AA 741-769)

5 Images



Overview

Quantity:	0.4 mL
Target:	ABL1
Binding Specificity:	AA 741-769
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 741-769 from the human protein was used as the immunogen for this
	c-Abl antibody.
Isotype:	lg Fraction
Purification:	Purified

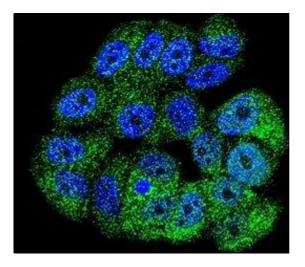
Target Details

Target:	ABL1
Alternative Name:	C-Abl (ABL1 Products)
Background:	ABL1 is a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in
	processes of cell differentiation, cell division, cell adhesion, and stress response. The DNA-
	binding activity of the ubiquitously expressed ABL1 tyrosine kinase is regulated by CDC2-

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Target Details	
	mediated phosphorylation, suggesting a cell cycle function for ABL1.
UniProt:	P00519
Pathways:	Apoptosis, Regulation of Muscle Cell Differentiation, Platelet-derived growth Factor Receptor Signaling, Lipid Metabolism
Application Details	
Application Notes:	Titration of the c-Abl antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50
Restrictions: Handling	For Research Use only
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the c-Abl antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

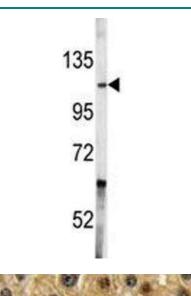
Images



Immunofluorescence

Image 1. Confocal immunofluorescent analysis of c-Abl antibody with MCF-7 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

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Western Blotting

Image 2. Western blot analysis of c-Abl antibody and A2058

lysate. Predicted molecular weight ~120 kDa.

Immunohistochemistry

Image 3. IHC analysis of FFPE human hepatocarcinoma tissue stained with c-Abl antibody



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