# antibodies -online.com





# anti-ABL1 antibody (AA 741-769)

3 Images



Go to Product page

# Overview

Quantity:	400 μL
Target:	ABL1
Binding Specificity:	AA 741-769
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### **Product Details**

Immunogen:	This ABL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 741-769 amino acids from the Central region of human ABL1.
Clone:	RB15710
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

# **Target Details**

Target:	ABL1
Alternative Name:	ABL1 (ABL1 Products)
Background:	ABL1 is a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in

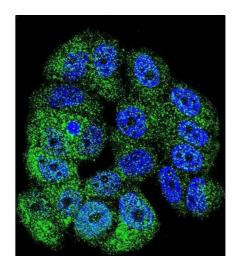
# **Target Details**

	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-mediated phosphorylation, suggesting a cell cycle function for ABL1.
Molecular Weight:	122873
Gene ID:	25
NCBI Accession:	NP_005148, NP_009297
UniProt:	P00519
Pathways:	Apoptosis, Regulation of Muscle Cell Differentiation, Platelet-derived growth Factor Receptor Signaling, Lipid Metabolism

# **Application Details**

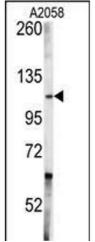
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



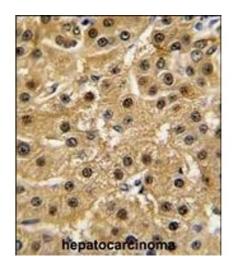
## Immunofluorescence

**Image 1.** Confocal immunofluorescent analysis of ABL1 Antibody (Center) (ABIN392080 and ABIN2841840) with MCF-7 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).



### **Western Blotting**

**Image 2.** Western blot analysis of anti-ABL1 Antibody (Center) SP7694d in cell line lysates ( $35 \,\mu g$ /lane). ABL1 (arrow) was detected using the purified Pab.



# Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ABL1 antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.