

Rabbit Abl1 Polyclonal Antibody | anti-Abl1 antibody

Abl1 Antibody (Tyr412)

CATALOG # AAA226129	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Abl1; Polyclonal Antibody; Abl1 Antibody (Tyr412); Rabbit Polyclonal Abl1 Antibody (Tyr412); Polyclonal Abl1 antibody; Anti-Abl1 antibody; Abelson murine leukemia viral oncogene homolog 1 antibody; ABL antibody; ABL1 antibody; bcr/abl antibody; bcr/c-abl oncogene protein antibody; c-ABL antibody; c-abl oncogene 1 receptor tyrosine kinase antibody; JTK7 antibody; p150 antibody; Proto-oncogene c-Abl antibody; proto-oncogene tyrosine-protein kinase ABL1 antibody; Tyrosine-protein kinase ABL1 antibody; v-abl antibody; v-abl Abelson murine leukemia viral oncogene homolog 1 antibody; anti-Abl1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Abl1 antibody (Tyr412) detects endogenous levels of Abl1 only when phosphorylated at tyrosine 412
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	115
Applicable Applications for anti-Abl1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Abl1 antibody was raised in Rabbit using a synthesized phosphopeptide derived from human Abl1 around the phosphorylation site of tyrosine 412 (D-T-YP-T-A) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COS7 cells treated with Adriamycin. Left: Using Abl1 (phospho- Tyr412) antibody. Right: Using the same antibody preincubated with synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Abl1 antibody (Tyr412)

ADDITIONAL INFORMATION

Related Product Information for anti-Abl1 antibody	Abl1 is an ubiquitously expressed and highly conserved proto-oncogenic tyrosine kinase. c-Abl protein is distributed in both the nucleus and the cytoplasm of cells. Negatively regulated by its SH3 domain, and deletion of the SH3 domain turns ABL1 into an oncogene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	553164
NCBI GeneID	25
NCBI Official Full Name	ABL1, partial
NCBI Official Synonym Full Names	ABL proto-oncogene 1, non-receptor tyrosine kinase
NCBI Official Symbol	ABL1
NCBI Official Synonym Symbols	ABL; JTK7; p150; c-ABL; v-abl; CHDSKM; c-ABL1; BCR-ABL; bcr/abl
NCBI Protein Information	tyrosine-protein kinase ABL1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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