Rabbit ABL1 Polyclonal Antibody | anti-ABL1 antibody

Phospho-ABL1 (Y272) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA297739	**Rabbit**	**HumanPredicted: Mouse**	**Dot Blot, Immunohistochemistry, Immunofluorescence, Western Blot**

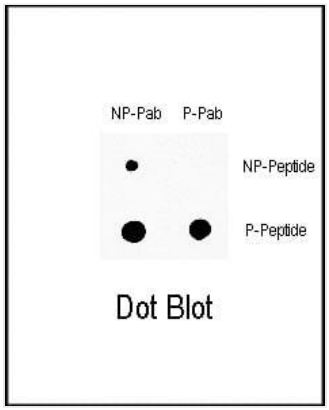
PRODUCT SYNONYMS

ABL1; Polyclonal Antibody; Phospho-ABL1 (Y272) Antibody; Tyrosine-protein kinase ABL1; Abelson murine leukemia viral oncogene homolog 1; Abelson tyrosine-protein kinase 1; Proto-oncogene c-Abl; p150; ABL; JTK7; RB7357; anti-ABL1 antibody

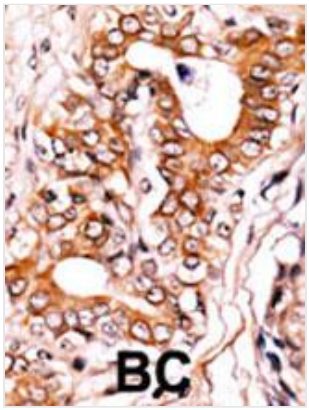
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This ABL1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y272 of human ABL1.
Purity/Purification	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-ABL1 antibody	DB (Dot Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

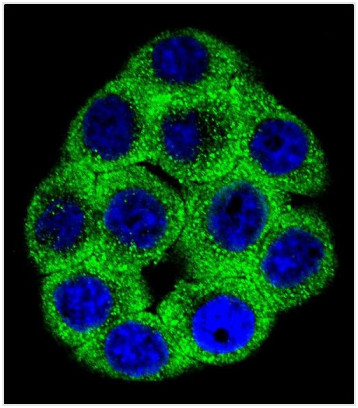
IMAGES



DB (Dot Blot)
Dot blot analysis of anti-Phospho-ABL1-Y272 Antibody (Cat. #AAA297739) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antobodies working concentration was 0.5ug per ml.Dilution: DB 1:500



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.Dilution: IHC-P 1:50~100



IF (Immunofluorescence)
Confocal immunofluorescent analysis of Phospho-ABL1-Y272 Antibody (Cat#AAA297739) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used to stain the cell nuclear (blue).Dilution: IF 1:10~50

ADDITIONAL INFORMATION

Related Product Information for anti-ABL1 antibody	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. 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.
Product Categories/Family for anti-ABL1 antibody	Primary Antibodies; Antibody Collections; Cancer; Signal Transduction; Phospho Antibodies; Anti-Kinome Antibodies
References	Barnes, K., et al., Oncogene 24 (20):3257-3267 (2005).Kim, Y.R., et al., Genes Chromosomes Cancer 43 (1):37-44 (2005).Aichberger, K.J., et al., Blood 105 (8):3303-3311 (2005).Wei, G., et al., J. Biol. Chem. 280 (13):12271-12278 (2005).Robinson, H.M., et al., Leukemia 19 (4):564-571 (2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	62362414
NCBI GeneID	25
NCBI Accession #	NP_005148.2; NP_009297.2
NCBI GenBank Nucleotide #	NM_005157.4
UniProt Accession #	P00519; Q13869; Q13870; Q16133; Q17R61; Q45F09; A3KFJ3
Molecular Weight	122,873 Da
NCBI Official Full Name	tyrosine-protein kinase ABL1 isoform a
NCBI Official Synonym Full Names	c-abl oncogene 1, non-receptor tyrosine kinase
NCBI Official Symbol	ABL1
NCBI Official Synonym Symbols	ABL; JTK7; p150; c-ABL; v-abl; bcr/abl
NCBI Protein Information	tyrosine-protein kinase ABL1; proto-oncogene c-Abl; bcr/c-abl oncogene protein; Abelson tyrosine-protein kinase 1; c-abl oncogene 1, receptor tyrosine kinase; proto-oncogene tyrosine-protein kinase ABL1; v-abl Abelson murine leukemia viral oncogene homolo
UniProt Protein Name	Tyrosine-protein kinase ABL1
UniProt Gene Name	**ABL1**
UniProt Synonym Gene Names	ABL; JTK7

UniProt Entry Name	ABL1_HUMAN

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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Online datasheet: https://stage.aaabiotech.com/polyclonal/abl1-antibody-dot-blot-immunohistochemistry-immunofluorescence-western-blot-elisa/297739