

Abl Antibody | anti-Abl antibody

Abl (Phospho-Tyr412) Antibody

CATALOG # AAA267386	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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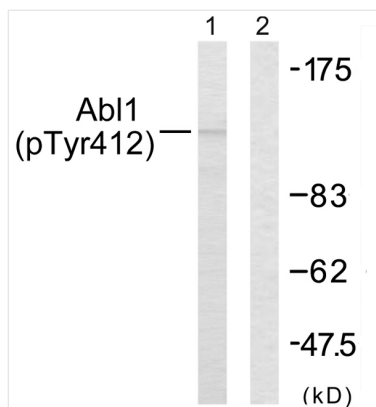
PRODUCT SYNONYMS

Abl; Abl (Phospho-Tyr412) Antibody; ABL1; EC 2.7.1.112; JTK7; Proto-oncogene tyrosine-protein kinase ABL1; c-ABL; p150; anti-Abl antibody

PRODUCT SPECIFICATIONS

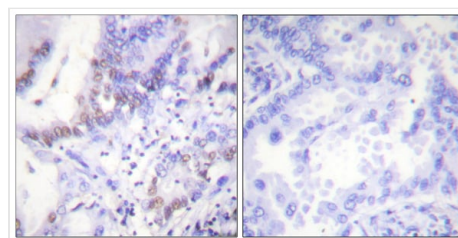
Reactivity	Human, Mouse, Rat
Specificity	Abl (Phospho-Tyr412) Antibody detects endogenous levels of Abl1 only when phosphorylated at tyrosine 412.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1130
Applicable Applications for anti-Abl antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Abl1 around the phosphorylation site of tyrosine 412 (D-T-YP-T-A).
All Sites	Human: Tyr412 Mouse: Tyr412 Rat: Tyr412
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COS7 cells, treated with Adriamycin (0.5ug/ml, 24 hours), using Abl (Phospho-Tyr412) Antibody (#A0403).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Abl (Phospho-Tyr412) Antibody (#A0403).

ADDITIONAL INFORMATION

References	Fotis A. Asimakopoulos, Blood, Oct 1999; 94: 2452-2460. Thomas Burmeister, Blood, Nov 2006; 108: 3556-3559. Kim De Keersmaecker, Blood, Jun 2005; 105: 4849-4852. Florian Klein, J. Exp. Med., Mar 2004; 199: 673.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62362414
NCBI GeneID	25
NCBI Accession #	NP_005148.2
NCBI GenBank Nucleotide #	NM_005157.5
UniProt Accession #	P00519; Q13869; Q13870; Q16133; Q17R61; Q45F09; A3KFJ3
Molecular Weight	124,955 Da
NCBI Official Full Name	tyrosine-protein kinase ABL1 isoform a
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
NCBI Protein Information	tyrosine-protein kinase ABL1
UniProt Protein Name	Tyrosine-protein kinase ABL1
UniProt Gene Name	ABL1
UniProt Synonym Gene Names	ABL; JTK7

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.