

Rabbit anti-Human, Mouse ABL1/2 Polyclonal Antibody | anti-ABL1/2 antibody

ABL1/2 (phospho-Tyr393/439) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301110	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

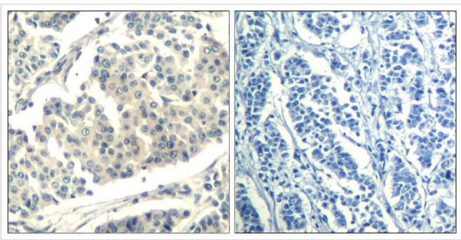
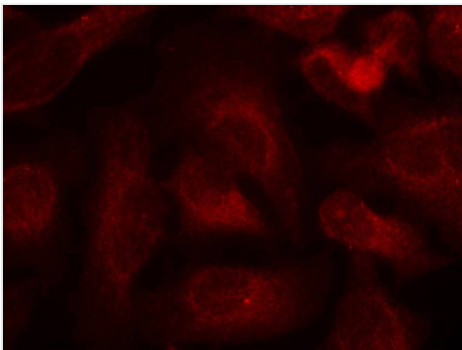
PRODUCT SYNONYMS

ABL1/2; Polyclonal Antibody; ABL1/2 (phospho-Tyr393/439) Antibody; Abelson murine leukemia viral oncogene homolog 1; c-ABL; p150; anti-ABL1/2 antibody

PRODUCT SPECIFICATIONS

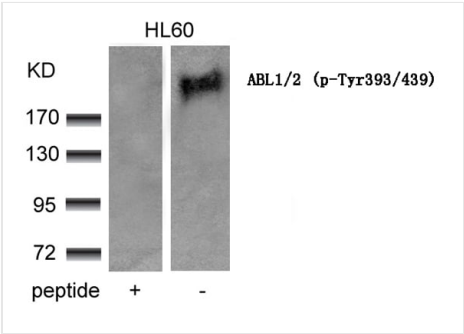
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of ABL1/2 only when phosphorylated at tyrosine393/439.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1130
Applicable Applications for anti-ABL1/2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 393/439 (D-T-Y(p)-T-A) derived from Human ABL1/2.
Modification	Phospho-Tyr393/439
Target Name	ABL1/2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ABL1/2(Phospho-Tyr393/439) Antibody (left) or the same antibody preincubated with blocking peptide(right).

IF (Immunofluorescence)
Immunofluorescence staining of methanol-fixed Hela cells using ABL1/2(phospho-Tyr393/439) Antibody.



WB (Western Blot)
Western blot analysis of extracts from HL60 cells using ABL1/2(phospho-Tyr393/439) Antibody and the same antibody preincubated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ABL1/2 antibody	Regulates cytoskeleton remodeling during cell differentiation, cell division and cell adhesion. Localizes to dynamic actin structures, and phosphorylates CRK and CRKL, DOK1, and other proteins controlling cytoskeleton dynamics. Regulates DNA repair potentially by activating the proapoptotic pathway when the DNA damage is too severe to be repaired. Phosphorylates PSMA7 that leads to an inhibition of proteasomal activity and cell cycle transition blocks.
Product Categories/Family for anti-ABL1/2 antibody	Phospho-specific Ab

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; 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
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/abl1-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301110>