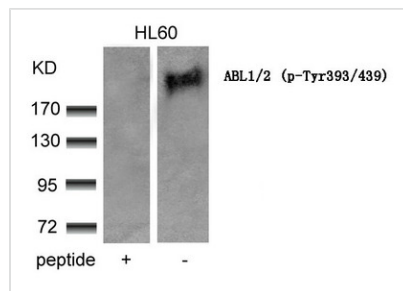


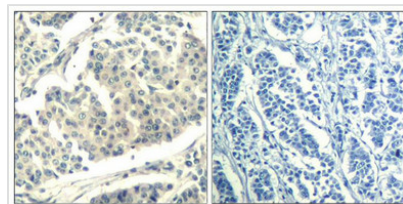


Phospho-ABL1/ABL2 (Tyr393/439) Antibody

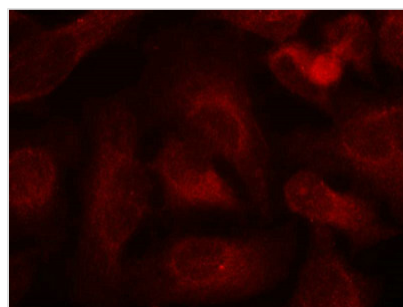
Product Code	CSB-PA565211
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P00519/P42684
Immunogen	Peptide sequence around phosphorylation site of tyrosine 393/439 (D-T-Y(p)-T-A) derived from Human ABL1/2.
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of ABL1/2 only when phosphorylated at tyrosine393/439.
Tested Applications	ELISA,WB,IHC,IF;WB:1:500-1:1000,IHC:1:50-1:100,IF:1:100-1:200
Relevance	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. Wang, J.Y. et al. (2000) Oncogene 19, 5643-5650. Danial, N.N. et al. (2000) Oncogene 19, 2523-2531. Brasher, B.B. et al. (2000) J. Biol. Chem. 275, 35631-35637. Pluk, H. et al. (2002) Cell 108, 247-259.
Form	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.
Purification Method	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
Clonality	Polyclonal
Alias	Abelson murine leukemia viral oncogene homolog 1; c-ABL; p150
Product Type	Polyclonal Antibody
Target Names	ABL1/ABL2
Image	



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



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).



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

Product Modify

Phospho-Tyr393/439