ABL1/2 (phospho-Tyr393/439) Antibody

Catalog No: #11530

Package Size: #11530-1 50ul #11530-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	ABL1/2 (phospho-Tyr393/439) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of ABL1/2 only when phosphorylated at tyrosine393/439.
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.
Target Name	ABL1/2
Modification	Phospho
Other Names	Abelson murine leukemia viral oncogene homolog 1; c-ABL; p150
Accession No.	Swiss-Prot:P00519Gene ID:25
Uniprot	P00519
GeneID	25;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

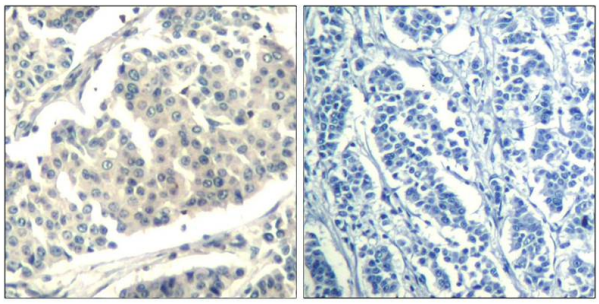
Predicted MW: 210kd

Western blotting: 1:500~1:1000

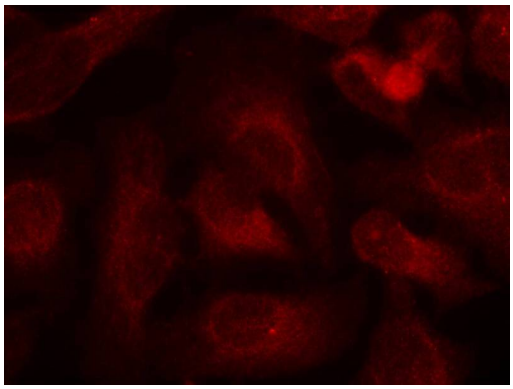
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

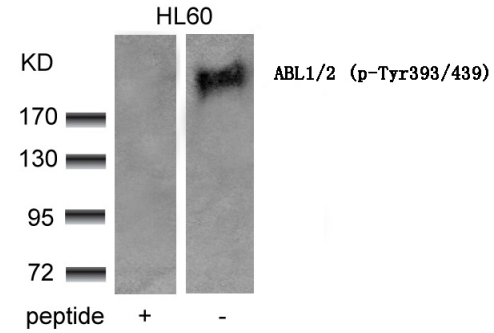
Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ABL1/2(Phospho-Tyr393/439) Antibody #11530(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using ABL1/2(phospho-Tyr393/439) Antibody #11530.



Western blot analysis of extracts from HL60 cells using ABL1/2(phospho-Tyr393/439) Antibody #11530 and the same antibody preincubated with blocking peptide.

Background

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.

Note: This product is for in vitro research use only