

Phospho-ABL1/ABL2-Y393/429

Reactivity: Human Mouse

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50 - 1:100 IF 1:100 - 1:200

Calculated MW: 210kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding Y393/429 of human ABL1/2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

ABL; JTK7; p150; c-ABL; v-abl; bcr/abl/ ARG; ABLI;

Catalog #: AP0282

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 25/27

Isotype: IgG

Swiss Prot: P00519/P42684

Purity: Affinity purification

For research use only.

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.

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