
c-ABL Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251225

Unit: 0.1 mg

Description:

Proto-oncogene c-Abl (c-ABL) is a protein kinase that regulates key processes linked to cell growth and survival. c-ABL regulates cytoskeleton remodeling during cell differentiation, cell division and cell adhesion. C-ABL localizes to dynamic actin structures, and phosphorylates CRK and CRKL, DOK1, and other proteins controlling cytoskeleton dynamics. c-ABL regulates DNA repair potentially by activating the proapoptotic pathway when the DNA damage is too severe to be repaired. A chromosomal aberration involving c-ABL1 is a cause of chronic myeloid leukemia.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: ABL1; Abelson murine leukemia viral oncogene homolog 1; Proto-oncogene tyrosine-protein kinase ABL1; c-ABL; p150; ABL

Accession No.: P00519

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human c-ABL.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Chen X, et al. 2013. Journal of Molecular Histology. March 21. PMID# 23515840.

For research use only, not for diagnostic or therapeutic procedures.