



Abl Antibody

#24142

Catalog Number: 24142-1, 24142-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P00519

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized peptide derived from Human Abl

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

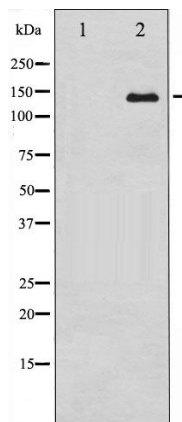
Specificity/Sensitivity: Abl antibody detects endogenous levels of total Abl protein

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 135kd

WB: 1:500~1:2000



Western blot analysis of Abl expression in Adriamycin treated COS7 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Background :

The ABL1 protooncogene encodes a cytoplasmic and nuclear protein tyrosine kinase that has been implicated in processes of cell differentiation, cell division, cell adhesion, and stress response. Activity of c-Abl protein is negatively regulated by its SH3 domain, and deletion of the SH3 domain turns ABL1 into an oncogene.