

Abl1 Polyclonal Antibody

Catalog: BS65364

Host: Rabbit

Reactivity: Human, Mouse, Rat, Monkey

BackGround:

ABL proto-oncogene 1, non-receptor tyrosine kinase (ABL1) Homo sapiens This gene is a protooncogene that encodes a protein tyrosine kinase involved in a variety of cellular processes, including cell division, adhesion, differentiation, and response to stress. The activity of the protein is negatively regulated by its SH3 domain, whereby deletion of the region encoding this domain results in an oncogene. The ubiquitously expressed protein has DNA-binding activity that is regulated by CDC2-mediated phosphorylation, suggesting a cell cycle function. This gene has been found fused to a variety of translocation partner genes in various leukemias, most notably the t(9;22) translocation that results in a fusion with the 5' end of the breakpoint cluster region gene (BCR; MIM:151410). Alternative splicing of this gene results in two transcript variants, which contain alternative first exons that are spliced to the remaining common exons. [pr

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~125 kDa

Swiss-Prot:

P00519

Purification&Purity:

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

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Storage&Stability:

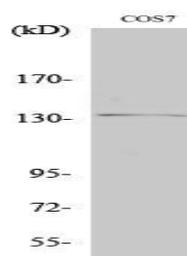
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

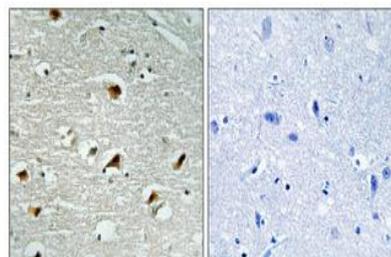
Specificity:

Abl1 Polyclonal Antibody detects endogenous levels of Abl1 protein.

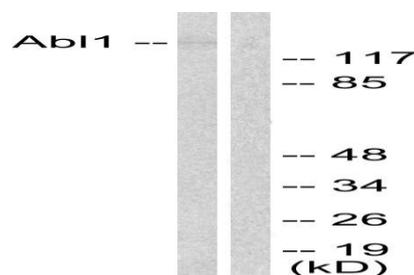
DATA:



Western Blot analysis of COS7 cells using Abl1 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4 ° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from COS7 cells, treated with Adriamycin 0.5 µg/ml 24h, using Abl1 Antibody. The lane on the right is blocked with the synthesized peptide.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151



PRODUCT DATA SHEET

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Add: 1660 South Highway 100, Suite 500 St. Louis Park,
MN 55416, USA.

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Tel: 6123263284

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