

Product datasheet for TA368745S

c Abl (ABL1) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: IHC

Recommended Dilution: IHC: 50-100

Positive control: Human liver cancer Predicted cell location: Cytoplasm

Reactivity: Human, Mouse

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: Fusion protein of human ABL1

Formulation: pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Purification: Antigen affinity purification

Conjugation: Unconjugated Storage: Store at -20°C.

Stability: 1 year

Gene Name: ABL proto-oncogene 1, non-receptor tyrosine kinase

Database Link: Entrez Gene 25 Human

P00519

Background: 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.



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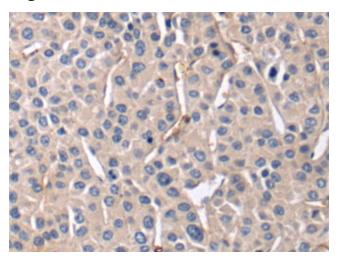
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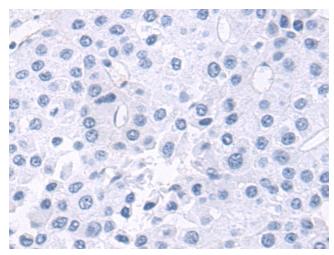
Synonyms:

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

Product images:



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368745] (ABL1 Antibody) at dilution 1/70 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368745] (ABL1 Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: ×200)