

BCR

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 130/160kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human BCR

Storage Buffer:

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

Synonym:

ALL;BCR1;CML;D22S11;D22S662;PHL;Breakpoint cluster region protein antibody, Renal carcinoma antigen NY-REN-26 antibody;

Catalog #: A0068

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 613

Isotype: IgG

Swiss Prot: P11274

Purity: Affinity purification

For research use only.

Background:

The breakpoint cluster region protein (Bcr) is best known to be involved in genomic translocation with fusion partner Abl (Cbr-Abl) causing chronic myelogenous leukemia (CML). This 160 kDa protein contains a serine/threonine kinase domain, an SH2 binding domain, a GTP/GDP exchange domain and a C-term domain which functions as a GTPase activating protein for p21rac and CDC42. Additionally, Bcr is involved in signal transduction and can down regulate Ras mediated cell signaling.

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