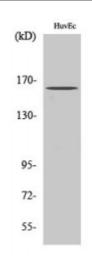


Anti-Bcr antibody



Description

Rabbit polyclonal to Bcr.

Model STJ91846

Host Rabbit

Reactivity Human, Mouse

Applications ELISA, IHC, WB

Immunogen Synthesized peptide derived from human Bcr around the non-phosphorylation

site of Y177.

Immunogen Region 120-200 aa

Gene ID <u>613</u>

Gene Symbol BCR

Dilution range WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000

Specificity Bcr Polyclonal Antibody detects endogenous levels of Bcr protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Breakpoint cluster region protein Renal carcinoma antigen NY-REN-26

Molecular Weight 160/143 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

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

1 mg/ml Concentration

Store at -20°C, and avoid repeat freeze-thaw cycles. **Storage Instruction**

Database Links HGNC:1014OMIM:151410

Alternative Names Breakpoint cluster region protein Renal carcinoma antigen NY-REN-26

Function GTPase-activating protein for RAC1 and CDC42. Promotes the exchange of

RAC or CDC42-bound GDP by GTP, thereby activating them. Displays

serine/threonine kinase activity.

The region involved in binding to ABL1 SH2-domain is rich in serine residues **Sequence and Domain Family**

> and needs to be Ser/Thr phosphorylated prior to SH2 binding. This region is essential for the activation of the ABL1 tyrosine kinase and transforming potential of the chimeric BCR-ABL oncogene.; The DH domain is involved in

interaction with CCPG1.

Cellular Localization Cell junction, synapse, postsynaptic cell membrane, postsynaptic density

Autophosphorylated. Phosphorylated by FES/FPS on tyrosine residues, Post-translational **Modifications**

leading to down-regulation of the BCR kinase activity. Phosphorylation at

Tyr-177 by HCK is important for interaction with GRB2.

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