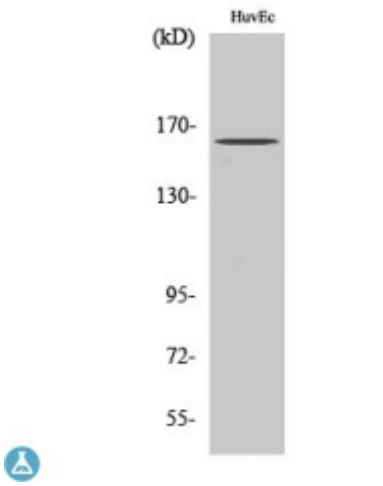
Anti-Bcr antibody



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	613
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
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
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.
Sequence and Domain Family	The region involved in binding to ABL1 SH2-domain is rich in serine residues 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
Post-translational Modifications	Autophosphorylated. Phosphorylated by FES/FPS on tyrosine residues, leading to down-regulation of the BCR kinase activity. Phosphorylation at Tyr-177 by HCK is important for interaction with GRB2.