

**Bcr (phospho Tyr177) rabbit pAb****Cat#: orb764149 (Manual)**

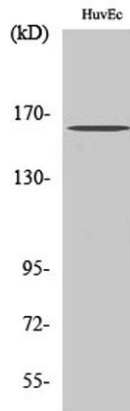
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	Bcr (phospho Tyr177) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Bcr around the phosphorylation site of Tyr177. AA range:144-193
<b>Specificity</b>	Phospho-Bcr (Y177) Polyclonal Antibody detects endogenous levels of Bcr protein only when phosphorylated at Y177.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Breakpoint cluster region protein
<b>Gene Name</b>	BCR
<b>Cellular localization</b>	Cell junction, synapse, postsynaptic density . Cell projection, dendritic spine . Cell projection, axon . Cell junction, synapse .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

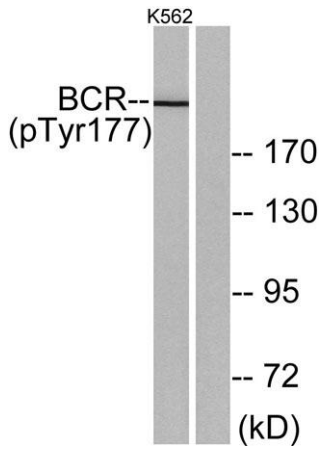
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	160kD
<b>Human Gene ID</b>	613
<b>Human Swiss-Prot Number</b>	P11274
<b>Alternative Names</b>	BCR; BCR1; D22S11; Breakpoint cluster region protein; Renal carcinoma antigen NY-REN-26

**Background**

A reciprocal translocation between chromosomes 22 and 9 produces the Philadelphia chromosome, which is often found in patients with chronic myelogenous leukemia. The chromosome 22 breakpoint for this translocation is located within the BCR gene. The translocation produces a fusion protein which is encoded by sequence from both BCR and ABL, the gene at the chromosome 9 breakpoint. Although the BCR-ABL fusion protein has been extensively studied, the function of the normal BCR gene product is not clear. The protein has serine/threonine kinase activity and is a GTPase-activating protein for p21rac. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],



**Western Blot analysis of various cells using Phospho-Bcr (Y177) Polyclonal Antibody**



**Western blot analysis of lysates from K562 cells, using Bcr (Phospho-Tyr177) Antibody. The lane on the right is blocked with the phospho peptide.**