

# Phospho-BCR-Y177 Rabbit Polyclonal Antibody



CABP0606

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

160kDa

### Calculated MW:

137kDa/142kDa

### Applications:

WB

### Reactivity:

Human, Mouse

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

613

### Uniprot

P11274

### Synonyms:

BCR; ALL; BCR1; CML; D22S11; D22S662; PHL

### Immunogen:

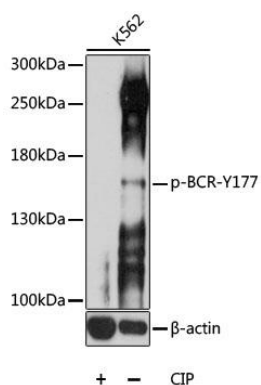
A synthetic phosphorylated peptide around Y177 of human BCR (NP\_004318.3).

### Storage:

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

## Product Images

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Western blot analysis of extracts of K562 cells, using Phospho-BCR-Y177 antibody (CABP0606) at 1:1000 dilution. K562 cell lysate were treated by CIP (20ul CIP for each 400ul cell lysate) at 37°C for 1 hour . Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.