

CAB0068

---

## Product Information

|                     |         |                      |        |                    |                 |
|---------------------|---------|----------------------|--------|--------------------|-----------------|
| <b>Product SKU:</b> | CAB0068 | <b>Gene ID:</b>      | 613    | <b>Size:</b>       | 20uL, 100uL     |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse,Rat |

---

## Additional Information

|                       |        |                   |              |
|-----------------------|--------|-------------------|--------------|
| <b>Observed MW:</b>   | 150kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 143kDa | <b>Isotype:</b>   | IgG          |

---

## Immunogen Information

|                              |   |
|------------------------------|---|
| <b>Background:</b>           | 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 unregulated tyrosine kinase activity of BCR-ABL1 contributes to the immortality of leukaemic cells. The BCR protein has serine/threonine kinase activity and is a GTPase-activating protein for p21rac and other kinases. Two transcript variants encoding different isoforms have been found for this gene. |
| <b>Recommended Dilution:</b> | WB,1:500 - 1:2000 IHC-P,1:50 - 1:100  |
| <b>Synonyms:</b>             | ALL; CML; PHL; BCR1; D22S11; D22S662; BCR   |
| <b>Purification Method:</b>  | Affinity purification   |
| <b>Immunogen:</b>            | Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human BCR (NP_004318.3).   |
| <b>Storage:</b>              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.  |