

## Bcr Rabbit pAb

CatalogNo: YT0481

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse

**Applications**

- WB, IHC, IF, ELISA

**MW**

- 143kD (Observed)

**Isotype**

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000****IHC 1:100-1:300****ELISA 1:20000****IF 1:50-200**

### Storage

**Storage\***

-15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation**

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

### Basic Information

**Clonality**

Polyclonal

### Immunogen Information

**Immunogen**

The antiserum was produced against synthesized peptide derived from human Bcr. AA range: 144-193

**Specificity**

Bcr Polyclonal Antibody detects endogenous levels of Bcr protein.

### Target Information

|                              |   |                          |                          |
|------------------------------|---|--------------------------|--------------------------|
| <b>Gene name</b>             | BCR   |                          |                          |
| <b>Protein Name</b>          | Breakpoint cluster region protein   |                          |                          |
|                              | <b>Organism</b>   | <b>Gene ID</b>           | <b>UniProt ID</b>        |
|                              | Human   | <a href="#">613</a> ;    | <a href="#">P11274</a> ; |
|                              | Mouse   | <a href="#">110279</a> ; | <a href="#">Q6PAJ1</a> ; |
| <b>Cellular Localization</b> | Cell junction, synapse, postsynaptic density . Cell projection, dendritic spine . Cell projection, axon . Cell junction, synapse .  |                          |                          |
| <b>Tissue specificity</b>    | Brain,Epithelium,Platelet,Renal cell carcinoma,T-cell,  |                          |                          |
| <b>Function</b>              | Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,Disease:A chromosomal aberration involving BCR is a cause of chronic myeloid leukemia (CML) [MIM:608232]. Translocation t(9;22)(q34;q11) with ABL1. The translocation produces a BCR-ABL found also in acute myeloid leukemia (AML) and acute lymphoblastic leukemia (ALL).,Domain:The DH domain is involved in interaction with CCPG1.,Domain: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.,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.,PTM:Autophosphorylated.,similarity:Contains 1 C2 domain.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 Rho-GAP domain.,subunit:Homotetramer. Interacts with PDZK1. May interact with CCPG1., |                          |                          |

## Validation Data

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
 Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
 Telephone: 400-8787-807(China)  
 Website: <http://www.immunoway.com.cn>  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**Bcr Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)