

## 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

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

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