

Datasheet for ABIN265328

anti-BCR antibody



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1 Image

Overview

Quantity:	0.1 mg
Target:	BCR
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCR antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Specificity:	The antibody detects endogenous levels of BCR protein (region surrounding Asp171).
Cross-Reactivity (Details):	Species reactivity (expected): Mouse and Rat. Species reactivity (tested): Human.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity chromatography using epitope-specific immunogen
Purity:	> 95 % pure by SDS-PAGE

Target Details

Target:	BCR
Alternative Name:	BCR (BCR Products)
Background:	The Bcr gene, mapping on chromosome 22, was initially identified on the basis of its fusion with the c-Abl proto-oncogene on chromosome 9 resulting in the generation of the Philadelphia

Target Details

chromosome in 90-95 % of patients with chronic myelogenous leukemia (CML). The Bcr gene encodes for the Breakpoint cluster region protein (Bcr). A consequence of this translocation is the generation of a Bcr/c-Abl mRNA encoding an activated c-Abl protein kinase. The Bcr gene has been shown to encode a 160 kDa GTPase-activating protein (GAP) specific for the Ras-related GTP-binding protein, Rac 1 p21. While it has been speculated that the Bcr protein may also stimulate Rac 2 p21 GTPase activity, it has no effect on Ras p21 or Rho p21 GTPases. It is of interest that the GAP domain of Bcr maps outside of the region that remains on chromosome 22 (Philadelphia chromosome) in CML. Synonyms: BCR1, Breakpoint cluster region protein, D22S11, NY-REN-26, Renal carcinoma antigen NY-REN-26

Molecular Weight:	approx. 160 kDa
Gene ID:	613
NCBI Accession:	NP_004318
UniProt:	P11274
Pathways:	Regulation of Leukocyte Mediated Immunity , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	ELISA: 1: 10000approx. 1: 20000. WB: 1: 500approx. 1: 1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.2., 0.05 % Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

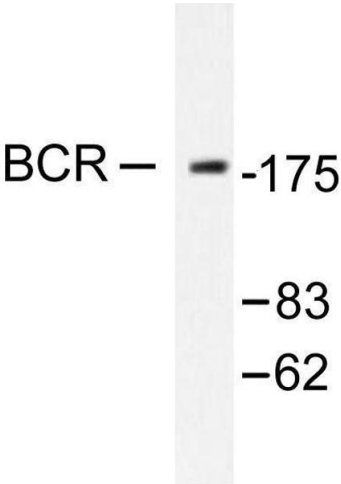


Image 1.