

Product datasheet for **TA322768**

BCR Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1:500-1000, IF: 1:100-200
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide sequence around aa. 175~179 (P-F-Y-V-N) derived from Human Bcr.
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	BCR, RhoGEF and GTPase activating protein
Database Link:	NP_004318 Entrez Gene 110279 Mouse Entrez Gene 613 Human P11274

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 p21^{rac}. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms: ALL; BCR1; CML; D22S11; D22S662; PHL

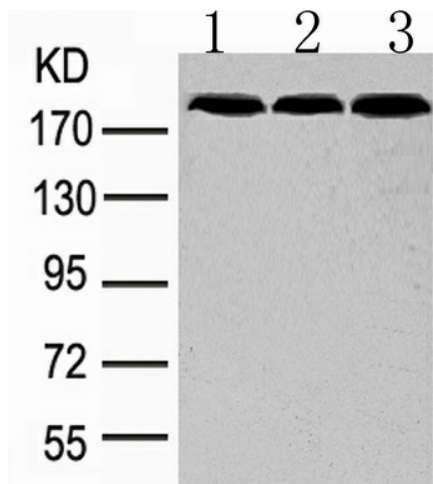
Protein Families: Druggable Genome, Protein Kinase



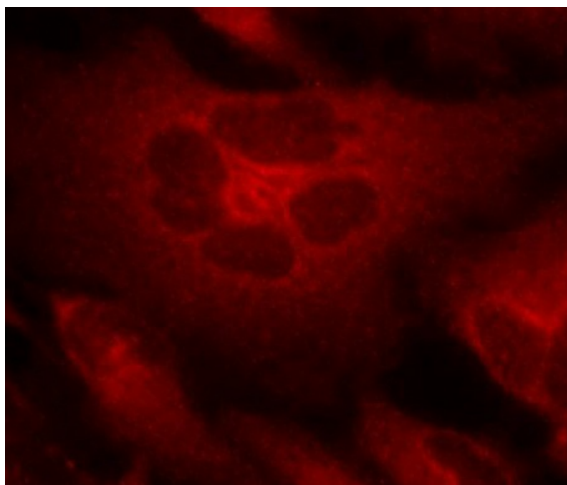
[View online »](#)

Protein Pathways: Chronic myeloid leukemia, Pathways in cancer

Product images:



Predicted band size: 130; 160; 210 kDa. Positive control: HT-29, RAW264.7, Jurkat cells lysate. Recommended dilution: 1/ 500-1000. (Gel: 8%SDS-PAGE Lane 1-3: HT-29, RAW264.7, Jurkat cells lysate Lysates: 30 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)



Predicted cell location: Nucleus; Cell membrane. Positive control: HeLa cells. Recommended dilution: 1/ 100-200. The image is immunofluorescence of methanol-fixed HeLa cells using BCR antibody at dilution 1/100. (Original magnification: x200)