

Datasheet for ABIN6137518
anti-BCR antibody (AA 1-300)

3 Images

[Go to Product page](#)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | BCR |
| Binding Specificity: | AA 1-300 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This BCR antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human BCR (NP_004318.3). |
| Sequence: | MVDPVGFAEA WKAQFPDSEP PRMELRSVGD IEQELERCKA SIRRLEQEVN QERFRMIYLQ TLLAKEKKSY DRQRWGFRRR AQAPDGASEP RASASRPQPA PADGADPPPA EEPEARPDGE GSPGKARPGT ARRPGAAASG ERDDRGPPAS VAALRSNFER IRKGHGQPGA DAEKPFYVNV EFHHERGLVK VNDKEVSDRI SSLGSQAMQM ERKKSQHGAG SSVGDASRPP YRGRSSESSC GVDGDYEDAE LNPRFLKDNL IDANGGSRPP WPPLEYQPYQ SIYVGGMMMEG EGKGPLLRSQ |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | BCR |
| Alternative Name: | BCR (BCR Products) |
| Background: | <p>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 p21rac. Two transcript variants encoding different isoforms have been found for this</p> <p>gene.,BCR,ALL,BCR1,CML,D22S11,D22S662,PHL,Cancer,Signal Transduction,G protein signaling,Signal Transduction,Kinase,Serine/threonine kinases,PI3K-Akt Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling Pathway,NF-kB Signaling Pathway,BCR</p> |
| Molecular Weight: | 137 kDa/142 kDa |
| Gene ID: | 613 |
| UniProt: | P11274 |
| Pathways: | Regulation of Leukocyte Mediated Immunity , Platelet-derived growth Factor Receptor Signaling |

Application Details

| | |
|--------------------|------------------------------------|
| Application Notes: | WB,1:500 - 1:2000,IHC,1:50 - 1:100 |
| Comment: | HIGH QUALITY |
| Restrictions: | For Research Use only |

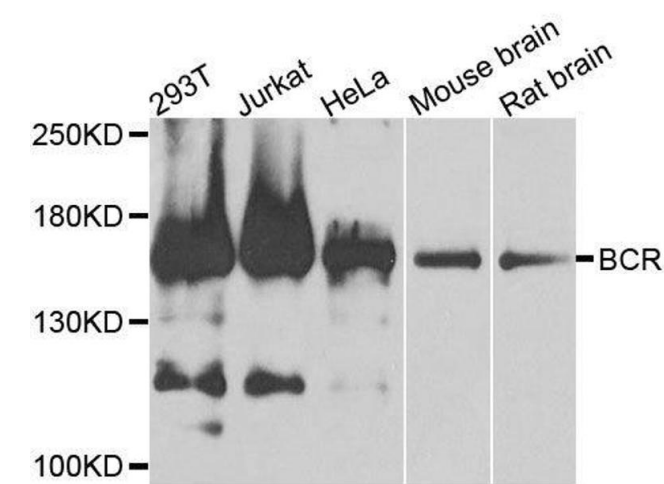
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |

Handling

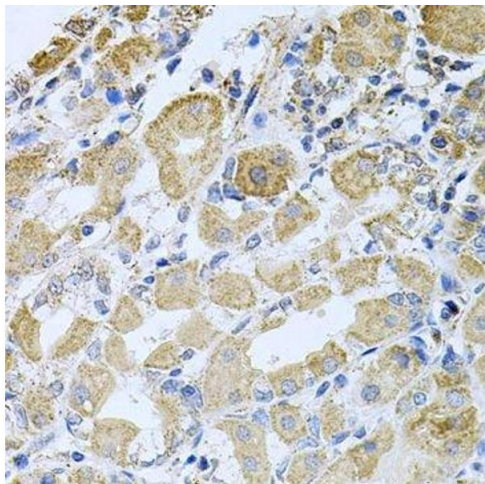
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



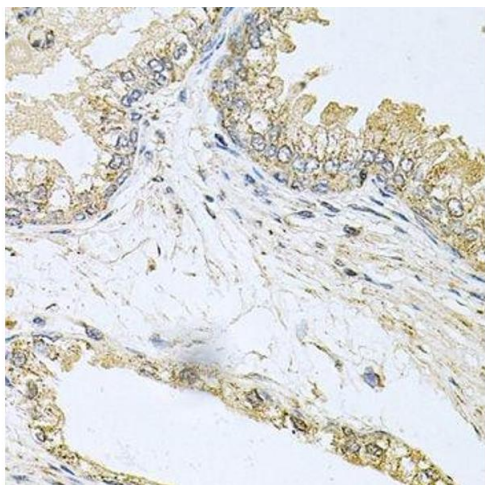
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BCR antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human stomach using BCR antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human prostate using BCR antibody.