

Bcr Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00879
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Bcr. AA range:144-193
Mol wt	142819
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Bcr Antibody
Synonyms	BCR; BCR1; D22S11; Breakpoint cluster region protein; Renal carcinoma antigen NY-REN-26

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. BCR, RhoGEF and GTPase activating protein has serine/threonine kinase activity and is a GTPase-activating protein for p21rac. Two transcript variants encoding different isoforms have been found for BCR.

Recommended Dilution

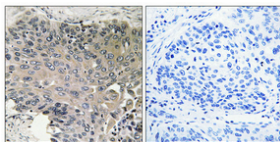
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

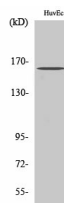
ELISA: 1: 20000

Not yet tested in other applications.

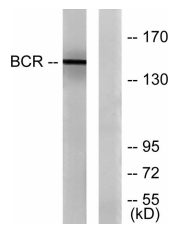
Images



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western Blot analysis of various cells using Bcr Polyclonal Antibody



Western blot analysis of lysates from K562 cells, using Bcr Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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