

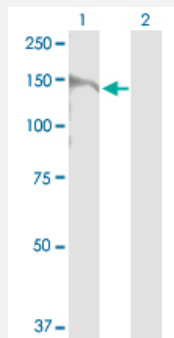
MaxPab®

BCR purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000613-D01P

Size 100 ug

Applications

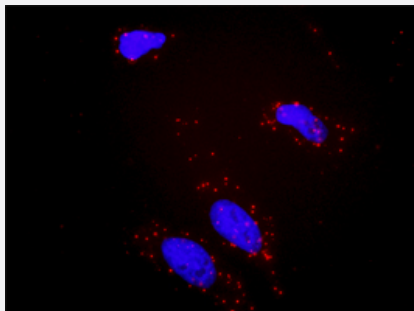


Western Blot (Transfected lysate)

Western Blot analysis of BCR expression in transfected 293T cell line ([H00000613-T02](#)) by BCR MaxPab polyclonal antibody.

Lane 1: BCR transfected lysate(121.00 KDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between BCR and PIK3CG. HeLa cells were stained with anti-BCR rabbit purified polyclonal 1:1200 and anti-PIK3CG mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human BCR protein.

Immunogen

BCR (AAH66122.1, 1 a.a. ~ 1076 a.a) full-length human protein.

Sequence

MVDPVGF AEAWKAQFPDSEPPRMELRSVGDIEQELERCKASIRRLQEVEVNQERFRMIYLQTLLA
KEKKS YDRQRWGFRRAAQAPDGASEPRASASRPQPAPADGADPPPAEEPEARPDGEGSPGK
ARPGTARRPGAAASGERDDRGPPASVAALRSNFERIRKGHGQPGADAEKPFYVNVEFHHERGL
VKVNDKEVSDRISSLGSQAMQMERKKSQHGAGSSVGDASRPPYRGRSSESSCGVDGDYEDAE
LNPRFLKDNLIDANGGSRPPWPPLEYQPYQSIYVGGMMEGEGKGPLLRSQSTSEQEKRLTWPRR
SYSPRSFEDCGGGYTPDCSSNENLTSSEEDFSSGQSSRVSPSPTTYRMFRDKSRSPSQNSQQS
FDSSSPPTPQCHKRHRHCPVVVSEATVGVKRTGQWPNDGEGAFHGDADGSFGTPPGYGCAA
DRAEEQRRHQDGLPYIDDSPSSSPHLSSKGRGSRDALVSGALESTKASELDLEKGLEMRKWVL
SGILASEETYLSHLEALLPMKPLKAAATTSQPVLTSSQIETIFFKVPLEYEIHKEFYDGLFPRVQQW
SHQQRVGD L FQKLASQLGVYRAFVDNYGVAMEMA EKCCQANAQFAEISENL RARSNKDAKDPT
TKNSLETLLYKPVDRVTRSTLVLDLLKHTPASHPDHPLLQDALRISQNFLSSINEEITPRRQSM TV
KKGEHRQLLKDSFMVELVEGARKLRHVFLFTDLLLCTKLKKQSGGKTQQYDCKWYIPLTDL SFQM
VDELEAVNIPLVPDEELDALKIKISQIKSDIQREKRANKGSKATERLKKLSEQESLLLLMSPSMA
FRVHSRNGKSYTFLISSDYERA EWRENIREQQKKCFRSFSLTSVELQMLTNSCVKLQTVHSIPLTIN
KEDDESPGLYGFLNVVHSATGFKQSSNLYCTLEVDSFGYFVNKAKTRVYRDTAEPNWN EEF EIE
LEGSQTLRILCYEKCYNKTKIPKEDGESTDRLMGKGQVQLDPQALQDRDWQRTVIAMNGIEVKLS
VKFNSREFSLKRMP SRKQTGVFGVKI AVVTKRERSKVPYVRQCVE

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

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Gene Info — BCR

Entrez GeneID

[613](#)

GeneBank Accession#	BC066122.1
Protein Accession#	AAH66122.1
Gene Name	BCR
Gene Alias	ALL, BCR-ABL1, BCR1, CML, D22S11, D22S662, FLJ16453, PHL
Gene Description	breakpoint cluster region
Omim ID	151410 608232
Gene Ontology	Hyperlink
Gene Summary	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 gene. [provided by RefSeq]
Other Designations	bcr-abl1 e14a3 chimeric protein

Pathway

- [Chronic myeloid leukemia](#)
- [Pathways in cancer](#)

Disease

- [Alzheimer disease](#)
- [Angina Pectoris](#)
- [Bipolar Disorder](#)
- [Brief Psychiatric Rating Scale](#)
- [Chromosome Breakage](#)
- [Coronary Vasospasm](#)
- [Depressive Disorder](#)

- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Small Cell Lung Carcinoma](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)