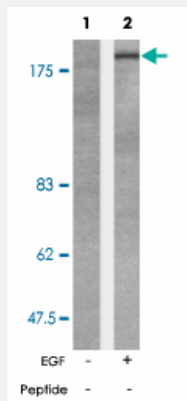


BCR (phospho Y177) polyclonal antibody

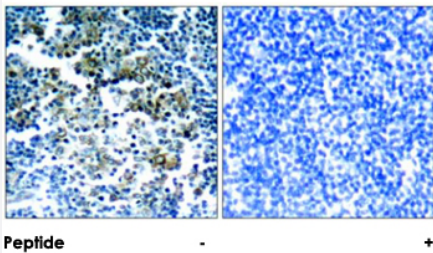
Catalog # PAB25329 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extract from A-431 cells, untreated or treated with EGF (200 ng/mL, 5 min), using BCR (phospho Y177) polyclonal antibody (Cat # PAB25329).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human tonsil tumor tissue, using BCR (phospho Y177) polyclonal antibody (Cat # PAB25329).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of BCR.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding Y177 of human BCR.
Sequence	P-F-Yp-V-N
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid

Purification	Affinity purification
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extract from A-431 cells, untreated or treated with EGF (200 ng/mL, 5 min), using BCR (phospho Y177) polyclonal antibody (Cat # PAB25329).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — BCR

Entrez GeneID	613
Protein Accession#	P11274
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](#)