

Bcr (D171) polyclonal antibody

Catalog: BS1033

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The Bcr gene, mapping on chromosome 22, was initially identified on the basis of its fusion with the c-Abl proto-oncogene on chromosome 9 resulting in the generation of the Philadelphia chromosome in 90-95% of patients with chronic myelogenous leukemia (CML). The Bcr gene encodes for the Breakpoint cluster region protein (Bcr). A consequence of this translocation is the generation of a Bcr/c-Abl mRNA encoding an activated c-Abl protein kinase. The Bcr gene has been shown to encode a 160 kDa GTPase-activating protein (GAP) specific for the Ras-related GTP-binding protein, Rac 1 p21. While it has been speculated that the Bcr protein may also stimulate Rac 2 p21 GTPase activity, it has no effect on Ras p21 or Rho p21 GTPases.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 160 kDa

Swiss-Prot:

P11274

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

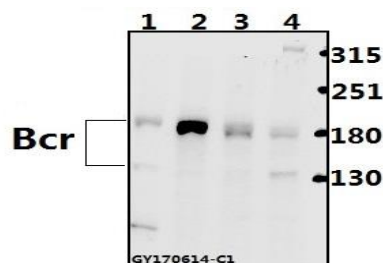
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Bcr (D171) polyclonal antibody detects endogenous levels of Bcr protein.

DATA:



Western blot (WB) analysis of Bcr (D171) polyclonal antibody at 1:500 dilution

Lane1: AML-12 whole cell lysate(40ug)

Lane2: PC12 whole cell lysate(40ug)

Lane3: MCF-7 whole cell lysate(40ug)

Lane4: HepG2 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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