


## Product datasheet

# Anti-Bcr (phospho Y360) antibody ab59404

### 画像数 1

#### 製品の概要

製品名	Anti-Bcr (phospho Y360) antibody
製品の詳細	Rabbit polyclonal to Bcr (phospho Y360)
由来種	Rabbit
特異性	This antibody detects endogenous levels of Bcr only when phosphorylated at tyrosine 360.
アプリケーション	<b>適用あり:</b> IHC-P, ELISA
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse, Rat 
免疫原	Synthetic phosphopeptide derived from human Bcr around the phosphorylation site of tyrosine 360(T-T-Y <sup>P</sup> -R-M).
ポジティブ・コントロール	Human brain tissue

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
精製度	Immunogen affinity purified
特記事項(精製)	The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
ポリモノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab59404** in the following tested applications.

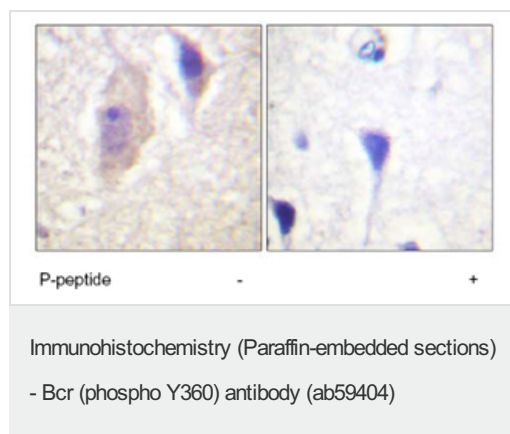
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration.
ELISA		1/40000.

## ターゲット情報

機能	GTPase-activating protein for RAC1 and CDC42. Promotes the exchange of RAC or CDC42-bound GDP by GTP, thereby activating them. Displays serine/threonine kinase activity.
関連疾患	Note=A chromosomal aberration involving BCR is a cause of chronic myeloid leukemia. Translocation t(9;22)(q34;q11) with ABL1. The translocation produces a BCR-ABL found also in acute myeloid leukemia (AML) and acute lymphoblastic leukemia (ALL).
配列類似性	Contains 1 C2 domain. Contains 1 DH (DBL-homology) domain. Contains 1 PH domain. Contains 1 Rho-GAP domain.
ドメイン	The region involved in binding to ABL1 SH2-domain is rich in serine residues and needs to be Ser/Thr phosphorylated prior to SH2 binding. This region is essential for the activation of the ABL1 tyrosine kinase and transforming potential of the chimeric BCR-ABL oncogene. The DH domain is involved in interaction with CCG1.
翻訳後修飾	Autophosphorylated. Phosphorylated by FES/FPS on tyrosine residues, leading to down-regulation of the BCR kinase activity. Phosphorylation at Tyr-177 by HCK is important for interaction with GRB2.

## 画像



Immunohistochemical analysis of paraffin embedded human brain tissue using ab59404 at 1/50 dilution, in the presence (right) and absence (left) of phosphopeptide.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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