For research purposes only, not for human use

Product Data Sheet

Anti-BCR (Phospho-Y360) Antibody

Catalog #	Source	Reactivity	Applications
CPA4580	Rabbit	H, M, R, Mk	WB, IH, IF/IC

Description	Rabbit polyclonal antibody to BCR (Phospho-Y360)
Immunogen	KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y360 of human BCR protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of BCR protein only when phosphorylated at Y360.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500)
Gene Symbol	BCR
Alternative Names	BCR1; D22S11; Breakpoint cluster region protein; Renal carcinoma antigen NY-REN-26
Entrez Gene	613 (Human); 110279 (Mouse)
SwissProt	P11274 (Human); Q6PAJ1 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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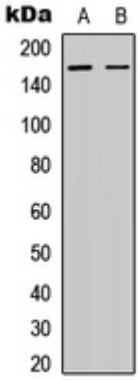
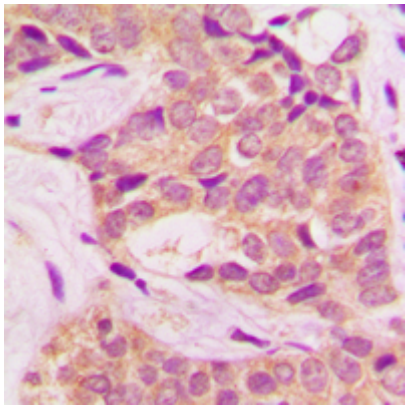
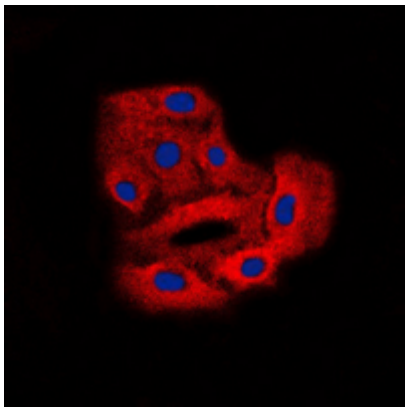


Western blot analysis of BCR (Phospho-Y360) expression in HeLa (A), rat heart (B) whole cell lysates. (Predicted band size: 142 kD; Observed band size: 142 kD
160)



Immunohistochemical analysis of BCR (Phospho-Y360) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of BCR (Phospho-Y360) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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