

Product Data Sheet

Anti-PI3K p85 beta Antibody

| Catalog # | Source | Reactivity | Applications |
|--------------------------|---|------------|--------------|
| CPA9436 | Rabbit | H | WB, IH |
| Description | Rabbit polyclonal to PI3K p85 beta | | |
| Immunogen | Recombinant protein corresponding to human PI3K p85 beta. | | |
| Purification | The antibody was purified by affinity chromatography. | | |
| Specificity | Recognizes endogenous levels of PI3K p85 beta protein. | | |
| Clonality | Polyclonal | | |
| Form | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | |
| Dilution | WB (1/1000 - 1/2000), IH (1/50 - 1/200) | | |
| Gene Symbol | PIK3R2 | | |
| Alternative Names | Phosphatidylinositol 3-kinase regulatory subunit beta; PI3-kinase regulatory subunit beta; PI3K regulatory subunit beta; PtdIns-3-kinase regulatory subunit beta; Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; PI3-kinase subunit p85-beta; Pt | | |
| Entrez Gene | 5296 (Human) | | |
| SwissProt | O00459 (Human) | | |
| 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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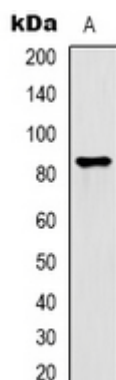
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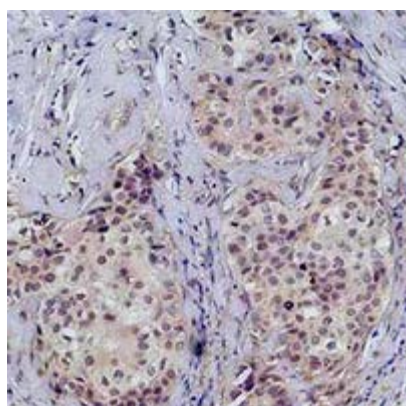
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Western blot analysis of PI3K p85 beta expression in HepG2 (A) whole cell lysates.



Immunohistochemical analysis of PI3K p85 beta 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.

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