

## Rabbit anti-Human PI3 Kinase p110 beta Polyclonal Antibody | anti-PIK3CB antibody

PI3 Kinase p110 beta antibody

|                               |                       |                            |                                                         |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA304632</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------|

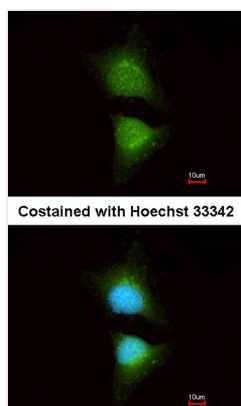
### PRODUCT SYNONYMS

PI3 Kinase p110 beta; Polyclonal Antibody; PI3 Kinase p110 beta antibody; anti-PIK3CB antibody

### PRODUCT SPECIFICATIONS

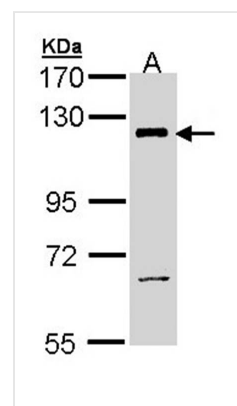
|                                                  |                                                                                                                          |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                   |
| Reactivity                                       | Human                                                                                                                    |
| Clonality                                        | Polyclonal                                                                                                               |
| Purity/Purification                              | Purified by antigen-affinity chromatography.                                                                             |
| Form/Format                                      | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.           |
| Sequence Length                                  | 1070                                                                                                                     |
| Applicable Applications for anti-PIK3CB antibody | IF (Immunofluorescence), WB (Western Blot)                                                                               |
| Immunogen Type                                   | Recombinant protein                                                                                                      |
| Immunogen Description                            | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 509 and 790 of Human PIK3CB |
| Target Name                                      | PI3 Kinase p110 beta                                                                                                     |
| Preparation and Storage                          | Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.                  |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using PI3 kinase p110 beta antibody at 1: 200 dilution.



#### Application Data

Sample (30 ug of whole cell lysate) A: H1299 7.5% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PIK3CB antibody | Phosphoinositide 3-kinases (PI3Ks) phosphorylate the 3-prime OH position of the inositol ring of inositol lipids. They have been implicated as participants in signaling pathways regulating cell growth by virtue of their activation in response to various mitogenic stimuli. PI3Ks are composed of a 110-kD catalytic subunit, such as PIK3CB, and an 85-kD adaptor subunit (Hu et al., 1993 [PubMed 8246984]).[supplied by OMIM] |
| Product Categories/Family for anti-PIK3CB antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5453894                                                                                                                         |
| NCBI GeneID                      | 5291                                                                                                                            |
| NCBI Accession #                 | NP_006210                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_006219.2                                                                                                                     |
| Molecular Weight                 | 122,762 Da                                                                                                                      |
| NCBI Official Full Name          | phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform isoform 1                                         |
| NCBI Official Synonym Full Names | phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta                                                          |
| NCBI Official Symbol             | PIK3CB                                                                                                                          |
| NCBI Official Synonym Symbols    | PI3K; PIK3C1; P110BETA; PI3KBETA                                                                                                |
| NCBI Protein Information         | phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform                                                   |
| UniProt Protein Name             | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform                                                   |
| UniProt Gene Name                | PIK3CB                                                                                                                          |
| UniProt Synonym Gene Names       | PIK3C1; PI3-kinase subunit beta; PI3K-beta; PI3Kbeta; PtdIns-3-kinase subunit beta; PtdIns-3-kinase subunit p110-beta; p110beta |
| UniProt Entry Name               | PK3CB_HUMAN                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pi3-kinase-p110-beta-antibody-immunofluorescence-western-blot-elisa/304632>