

## Rabbit PIK3R2 Polyclonal Antibody | anti-PIK3R2 antibody

PIK3R2 Polyclonal Antibody

|                               |                       |                                        |                                                                 |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA177488</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------------|

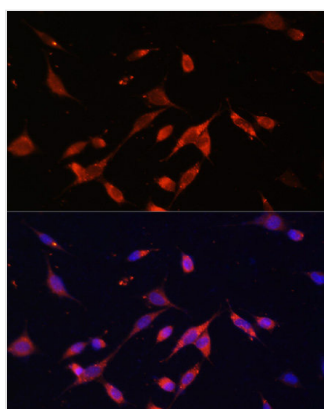
### PRODUCT SYNONYMS

PIK3R2; Polyclonal Antibody; PIK3R2 Polyclonal Antibody; MPPH; MPPH1; P85B; p85; p85-BETA; anti-PIK3R2 antibody

### PRODUCT SPECIFICATIONS

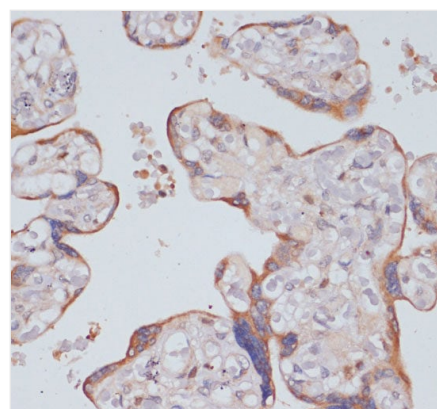
|                                                  |                                                     |
|--------------------------------------------------|-----------------------------------------------------|
| Host                                             | Rabbit                                              |
| Reactivity                                       | Human, Mouse, Rat                                   |
| Clonality                                        | Polyclonal                                          |
| Isotype                                          | IgG                                                 |
| Purity/Purification                              | Affinity purification                               |
| Form/Format                                      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3    |
| Concentration                                    | 1mg/mL (varies by lot)                              |
| Applicable Applications for anti-PIK3R2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry) |
| Immunogen                                        | Recombinant protein of human PIK3R2                 |
| Conjugation                                      | Unconjugated                                        |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.    |

### IMAGES



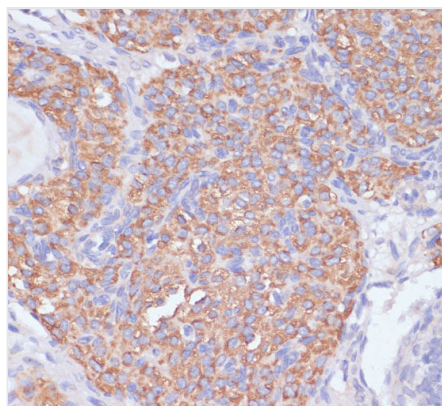
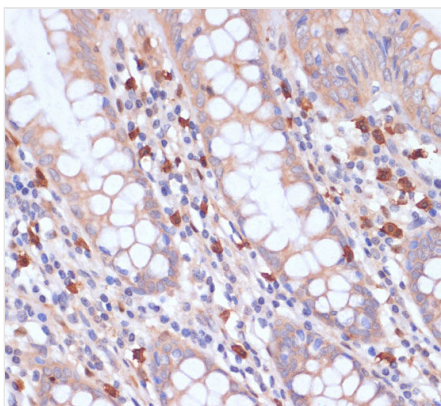
#### IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 using PIK3R2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human placenta using PIK3R2 Polyclonal Antibody at dilution of 1:200 (40x lens).



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Human colon using PIK3R2 Polyclonal Antibody at dilution of 1:200 (40x lens).

**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded Rat ovary using PIK3R2 Polyclonal Antibody at dilution of 1:200 (40x lens).

### ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-PIK3R2 antibody</b> | Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates phosphatidylinositol and similar compounds, creating second messengers important in growth signaling pathways. PI3K functions as a heterodimer of a regulatory and a catalytic subunit. The protein encoded by this gene is a regulatory component of PI3K. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. |
| <b>Product Categories/Family for anti-PIK3R2 antibody</b>   | <a href="#">Cancer</a> ; <a href="#">Immunology</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Polyclonal Antibody</a>                                                                                                                                                                                                                                                                                                                     |

### NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">4826908</a>                                                                                                                                                                                                                                         |
| <b>NCBI GeneID</b>                      | <a href="#">5296</a>                                                                                                                                                                                                                                            |
| <b>NCBI Accession #</b>                 | <a href="#">NP_005018.1</a>                                                                                                                                                                                                                                     |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_005027.3</a>                                                                                                                                                                                                                                     |
| <b>UniProt Accession #</b>              | <a href="#">O00459</a> ; <a href="#">Q5EAT5</a> ; <a href="#">Q9UPH9</a>                                                                                                                                                                                        |
| <b>Molecular Weight</b>                 | 728                                                                                                                                                                                                                                                             |
| <b>NCBI Official Full Name</b>          | phosphatidylinositol 3-kinase regulatory subunit beta                                                                                                                                                                                                           |
| <b>NCBI Official Synonym Full Names</b> | phosphoinositide-3-kinase, regulatory subunit 2 (beta)                                                                                                                                                                                                          |
| <b>NCBI Official Symbol</b>             | PIK3R2                                                                                                                                                                                                                                                          |
| <b>NCBI Official Synonym Symbols</b>    | p85; MPPH; P85B; p85-BETA                                                                                                                                                                                                                                       |
| <b>NCBI Protein Information</b>         | phosphatidylinositol 3-kinase regulatory subunit beta; PI3-kinase subunit p85-beta; PI3K regulatory subunit beta; ptdIns-3-kinase regulatory subunit p85-beta; phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta; phosphatidylinositol 3-kinase, reg |
| <b>UniProt Protein Name</b>             | Phosphatidylinositol 3-kinase regulatory subunit beta                                                                                                                                                                                                           |
| <b>UniProt Gene Name</b>                | <b>PIK3R2</b>                                                                                                                                                                                                                                                   |
| <b>UniProt Synonym Gene Names</b>       | PI3-kinase regulatory subunit beta; PI3K regulatory subunit beta; PtdIns-3-kinase regulatory subunit beta; PI3-kinase subunit p85-beta                                                                                                                          |
| <b>UniProt Entry Name</b>               | P85B_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.

