

## Rabbit PI3K p101 Polyclonal Antibody | anti-PI3K antibody

Anti-PI3K p101 Antibody

| CATALOG # | HOST   | REACTIVITY                      | APPLICATIONS                       |
|-----------|--------|---------------------------------|------------------------------------|
| AAA293058 | Rabbit | Human, Mouse, Rat, Pig, Chicken | Immunohistochemistry, Western Blot |

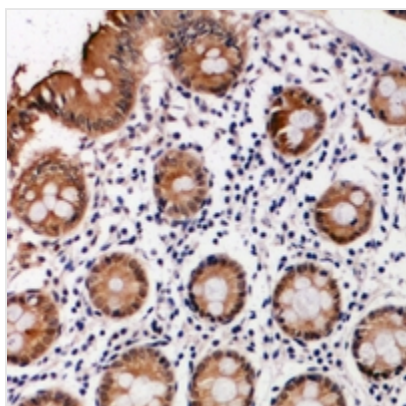
### PRODUCT SYNONYMS

PI3K p101; Polyclonal Antibody; Anti-PI3K p101 Antibody; Phosphoinositide 3-kinase regulatory subunit 5; PI3-kinase regulatory subunit 5; PI3-kinase p101 subunit; Phosphatidylinositol 45-bisphosphate 3-kinase regulatory subunit; PtdIns-3-kinase regulatory subunit; Protein FOAP-2; PtdIns-3-kinase p101; p101-PI3K; anti-PI3K antibody

### PRODUCT SPECIFICATIONS

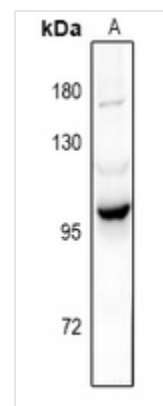
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat, Pig, Chicken                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-PI3K antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/50 - 1/100) Immunohistochemical analysis of PI3K p101 staining in human colon 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.



#### WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/100) Western blot analysis of PI3K p101 expression in rat brain (A) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                     |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PI3K antibody | Rabbit polyclonal antibody to PI3K p101<br>KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PI3K p101. The exact sequence is proprietary. |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 217330639                                                                                                                                                                                                                                           |
| NCBI GeneID                      | 23533                                                                                                                                                                                                                                               |
| NCBI Accession #                 | NP_001136105.1                                                                                                                                                                                                                                      |
| NCBI GenBank Nucleotide #        | NM_001142633.2                                                                                                                                                                                                                                      |
| UniProt Accession #              | Q8WYR1; Q5G936; Q5G938; Q5G939; Q8IZ23; Q9Y2Y2; B0LPH4; D3DTS3                                                                                                                                                                                      |
| Molecular Weight                 | 97,348 Da                                                                                                                                                                                                                                           |
| NCBI Official Full Name          | phosphoinositide 3-kinase regulatory subunit 5 isoform 1                                                                                                                                                                                            |
| NCBI Official Synonym Full Names | phosphoinositide-3-kinase, regulatory subunit 5                                                                                                                                                                                                     |
| NCBI Official Symbol             | PIK3R5                                                                                                                                                                                                                                              |
| NCBI Official Synonym Symbols    | p101; FOAP-2; P101-PI3K; F730038I15Rik                                                                                                                                                                                                              |
| NCBI Protein Information         | phosphoinositide 3-kinase regulatory subunit 5; protein FOAP-2; ptdIns-3-kinase p101; PI3-kinase p101 subunit; phosphatidylinositol 4,5-bisphosphate 3-kinase regulatory subunit; phosphatidylinositol-4,5-bisphosphate 3-kinase regulatory subunit |
| UniProt Protein Name             | Phosphoinositide 3-kinase regulatory subunit 5                                                                                                                                                                                                      |
| UniProt Gene Name                | PIK3R5                                                                                                                                                                                                                                              |
| UniProt Synonym Gene Names       | PI3-kinase regulatory subunit 5                                                                                                                                                                                                                     |
| UniProt Entry Name               | PI3R5_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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