

## Rabbit anti-Human, Mouse PIK3R3 Polyclonal Antibody | anti-PIK3R3 antibody

PIK3R3 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                              |
|-----------|--------|--------------|-------------------------------------------|
| AAA232199 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot, ELISA |

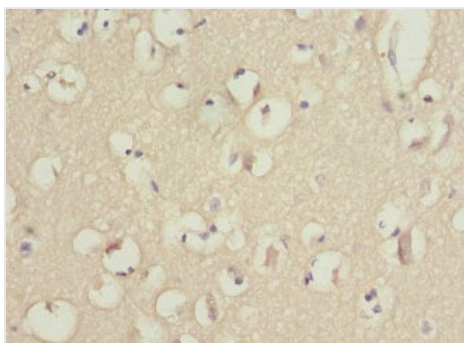
### PRODUCT SYNONYMS

PIK3R3; Polyclonal Antibody; PIK3R3 Antibody; Phosphatidylinositol 3-kinase regulatory subunit gamma; PI3-kinase regulatory subunit gamma; PI3K regulatory subunit gamma; PtdIns-3-kinase regulatory subunit gamma; Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma; PI3-kinase subunit p55-gamma; PtdIns-3-kinase regulatory subunit p55-gamma; p55PIK; anti-PIK3R3 antibody

### PRODUCT SPECIFICATIONS

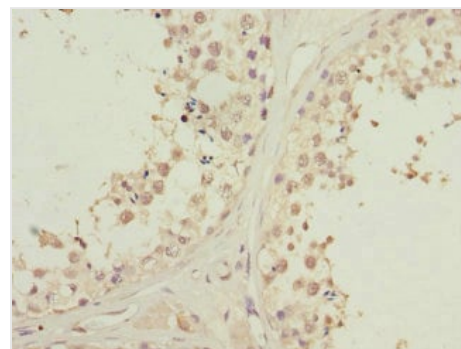
|                                                  |                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                         |
| Reactivity                                       | Human, Mouse                                                                                                   |
| Clonality                                        | Polyclonal                                                                                                     |
| Isotype                                          | IgG                                                                                                            |
| Purity/Purification                              | Antigen Affinity Purified                                                                                      |
| Form/Format                                      | Liquid                                                                                                         |
| Sequence Length                                  | 461                                                                                                            |
| Applicable Applications for anti-PIK3R3 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                           |
| Species                                          | Human                                                                                                          |
| Immunogen                                        | Recombinant human Phosphatidylinositol 3-kinase regulatory subunit gamma protein (N-230AA)                     |
| Conjugate                                        | Non-conjugated                                                                                                 |
| Buffer                                           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                              |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-48644                                  |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



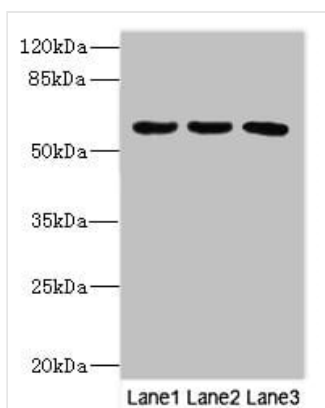
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232199 at dilution 1:100



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232199 at dilution 1:100



#### WB (Western Blot)

Western blotAll lanes: PIK3R3 antibody at 3.5ug/mlLane 1: MCF7 whole cell lysateLane 2: Jurkat whole cell lysateLane 3: Mouse gonadal tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 55,48,44 kDaObserved band size: 54 kDa

## ADDITIONAL INFORMATION

### Related Product Information for anti-PIK3R3 antibody

Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 166795247                                                                                                                                                                                |
| NCBI GeneID                      | 8503                                                                                                                                                                                     |
| NCBI Accession #                 | NP_001107644.1                                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | NM_001114172.1                                                                                                                                                                           |
| UniProt Accession #              | Q92569; O60482; Q5T4P1; Q5T4P2; B2R9C1; D3DQ12                                                                                                                                           |
| Molecular Weight                 | 43,465 Da                                                                                                                                                                                |
| NCBI Official Full Name          | phosphatidylinositol 3-kinase regulatory subunit gamma isoform 1                                                                                                                         |
| NCBI Official Synonym Full Names | phosphoinositide-3-kinase regulatory subunit 3                                                                                                                                           |
| NCBI Official Symbol             | PIK3R3                                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | p55; p55PIK; p55-GAMMA                                                                                                                                                                   |
| NCBI Protein Information         | phosphatidylinositol 3-kinase regulatory subunit gamma                                                                                                                                   |
| UniProt Protein Name             | Phosphatidylinositol 3-kinase regulatory subunit gamma                                                                                                                                   |
| UniProt Gene Name                | PIK3R3                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | PI3-kinase regulatory subunit gamma; PI3K regulatory subunit gamma; PtdIns-3-kinase regulatory subunit gamma; PI3-kinase subunit p55-gamma; PtdIns-3-kinase regulatory subunit p55-gamma |
| UniProt Entry Name               | P55G_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://stage.aaabiotech.com/polyclonal/pik3r3-antibody-immunohistochemistry-western-blot-elisa/232199>