

# Product Datasheet

## PIK3R5 Antibody - BSA Free

### NBP1-56922

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-56922**

PIK3R5 Antibody - BSA Free

| Product Information |                                                                                        |
|---------------------|----------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                 |
| Concentration       | 0.5 mg/ml                                                                              |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality           | Polyclonal                                                                             |
| Preservative        | 0.09% Sodium Azide                                                                     |
| Isotype             | IgG                                                                                    |
| Purity              | Affinity purified                                                                      |
| Buffer              | PBS, 2% Sucrose                                                                        |

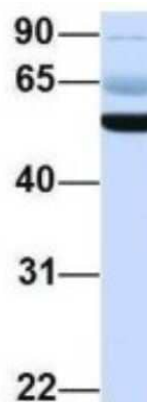
| Product Description     |                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.                                                                          |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                               |
| Gene ID                 | 23533                                                                                                                                                                                                                                                                                                                |
| Gene Symbol             | PIK3R5                                                                                                                                                                                                                                                                                                               |
| Species                 | Human, Mouse                                                                                                                                                                                                                                                                                                         |
| Reactivity Notes        | Use in Mouse reported in scientific literature (PMID:33608310).                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity | This product is specific to Subunit or Isoform: 5.                                                                                                                                                                                                                                                                   |
| Immunogen               | Synthetic peptides corresponding to PIK3R5(phosphoinositide-3-kinase, regulatory subunit 5) The peptide sequence was selected from the N terminal of PIK3R5. Peptide sequence HRFLTWPVPYCSICQELLTFIDAEKAPGISYQRLVRAEQGLPIRSHRSS. The peptide sequence for this immunogen was taken from within the described region. |

| Product Application Details |                        |
|-----------------------------|------------------------|
| Applications                | Western Blot           |
| Recommended Dilutions       | Western Blot 1.0 ug/ml |



## Images

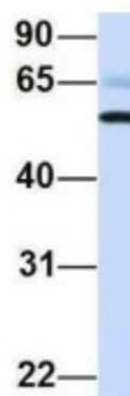
Western Blot: PIK3R5 Antibody [NBP1-56922] - Human Fetal Heart, Antibody Dilution: 1.0 ug/ml.



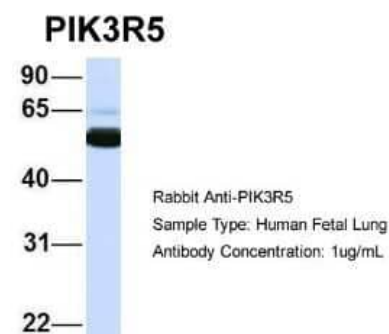
Western Blot: PIK3R5 Antibody [NBP1-56922] - Human Placenta lysate, concentration 0.2-1 ug/ml.



Western Blot: PIK3R5 Antibody [NBP1-56922] - Human Fetal Brain, Antibody Dilution: 1.0 ug/ml.



Western Blot: PIK3R5 Antibody [NBP1-56922] - Human Fetal Lung, Antibody Dilution: 1.0 ug/ml.



## Publications

Terasaki M, Inoue T, Murase W et al. A Fucoxanthinol Induces Apoptosis in a Pancreatic Intraepithelial Neoplasia Cell Cancer genomics & proteomics 2021-12-10 [PMID: 33608310] (WB, Mouse)



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### **Products Related to NBP1-56922**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP2-57055PEP | PIK3R5 Recombinant Protein Antigen                  |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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