

# Product Datasheet

## PIK3C2A Antibody - BSA Free NBP3-37948-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 3/4/2026 v.20.1

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**NBP3-37948-100ul**

PIK3C2A Antibody - BSA Free

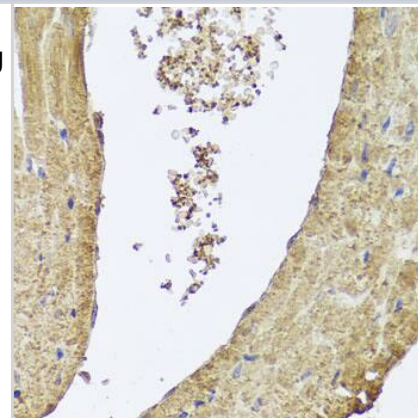
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	191 kDa

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5286
<b>Gene Symbol</b>	PIK3C2A
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human PIK3C2A (NP_002636.2).  Sequence: MAQISSNSGFKECPSSHPEPTRAKDVDKEEALQMEAEALAKLQKDRQVTDNQ RGFELSSSTRKKAQVYNKQDYDLMVFPESDSQKRALDIDVEKLTQAELEKLLLD DSFETKKTPVLPVTPILSPSFSQAQLYFRPTIQRGQWPPGLPGPSTYALPSIYPST YSKQAAFQNGFNPRMPTFPSTEPIYLSLPGQSPYFSYPL

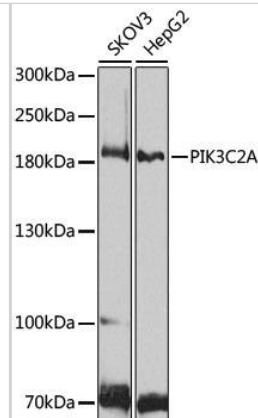
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5ug - 4ug antibody for 200ug - 400ug extracts of whole cells, Immunohistochemistry-Paraffin 1:50 - 1:200

**Images**

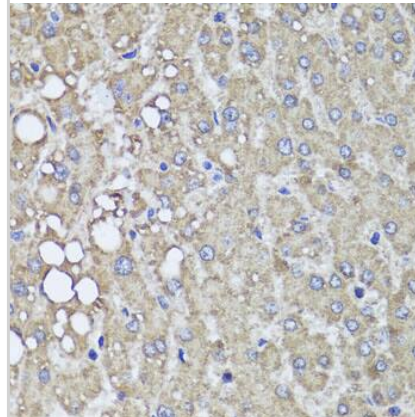
Immunohistochemistry: PIK3C2A Antibody [NBP3-37948] -  
Immunohistochemistry analysis of paraffin-embedded Mouse heart using PIK3C2A Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



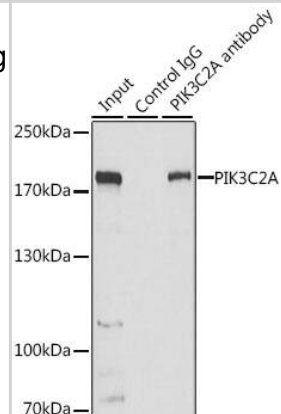
**Western Blot: PIK3C2A Antibody [NBP3-37948]** - Western blot analysis of various lysates using PIK3C2A Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
 Lysates/proteins: 25ug per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit.  
 Exposure time: 90s.



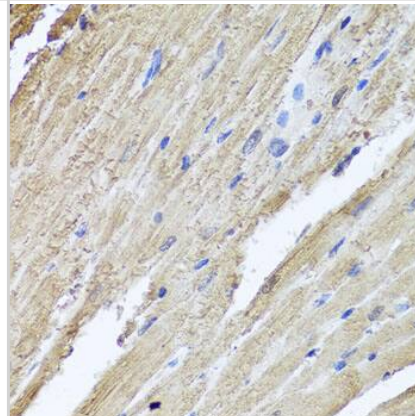
**Immunohistochemistry: PIK3C2A Antibody [NBP3-37948]** - Immunohistochemistry analysis of paraffin-embedded Human liver damage using PIK3C2A Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



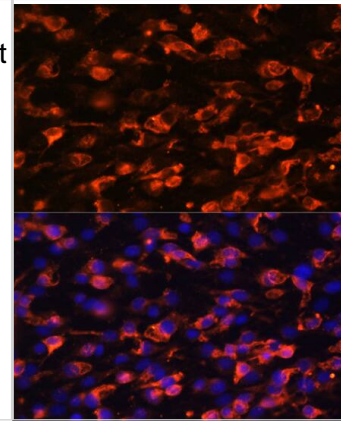
**Immunoprecipitation: PIK3C2A Antibody [NBP3-37948]** - Immunoprecipitation analysis of 200 ug extracts of HeLa cells, using 3 ug PIK3C2A antibody. Western blot was performed from the immunoprecipitate using PIK3C2A antibody at a dilution of 1:1000.



**Immunohistochemistry: PIK3C2A Antibody [NBP3-37948]** - Immunohistochemistry analysis of paraffin-embedded Rat heart using PIK3C2A Rabbit pAb at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: PIK3C2A Antibody [NBP3-37948] - Immunofluorescence analysis of C6 cells using PIK3C2A Rabbit pAb at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.





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### **Products Related to NBP3-37948-100ul**

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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
NBP1-80908PEP	PIK3C2A 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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