

Product Datasheet

PIK3CA Antibody - BSA Free NBP3-35070-100ul

Unit Size: 100 ul

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

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NBP3-35070-100ul

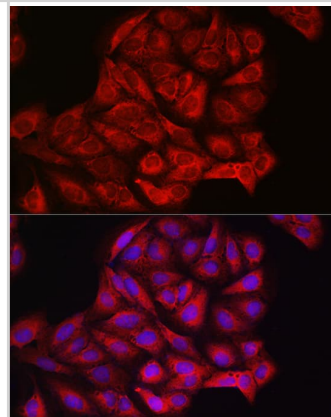
PIK3CA Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	124 kDa
Product Description	
Description	Novus Biologicals Rabbit PIK3CA Antibody - BSA Free (NBP3-35070) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5290
Gene Symbol	PIK3CA
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 401-600 of human PIK3CA (NP_006209.2). Sequence: RLCLSICSVKGRKGAKKEHCPLAWGNINLFDYTDLTVSGKMALNLWPVPHGLE DLLNPIGVTGSNPNKETPCLELEFDWFSSVVKFPDMSVIEEHANWSVSREAGF SYSHAGLSNRLARDNELRENDKEQLKAISTRDPLSEITEQEKFDFLWSHRHYCVT IPEILPKLLLSVKWNSRDEVAQMYCLVKDWPPPIKPEQAME
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, ELISA Recommended starting concentration is 1 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200



Images

Immunocytochemistry/ Immunofluorescence: PIK3CA Antibody [NBP3-35070] - Immunofluorescence analysis of U2OS cells using PIK3CA Rabbit pAb (A0265) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western Blot: PIK3CA Antibody [NBP3-35070] - Western Blot analysis of various lysates using PIK3CA Rabbit pAb at 1:5000 dilution incubated overnight at 4C.

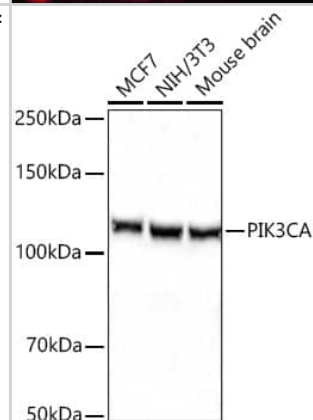
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

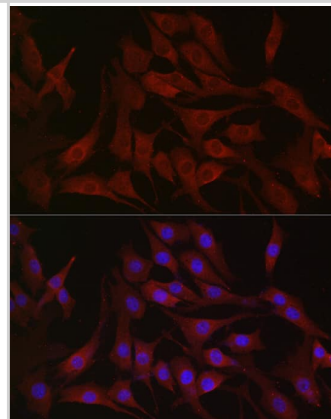
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

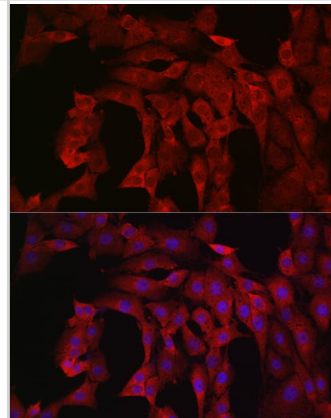
Exposure time: 20s.



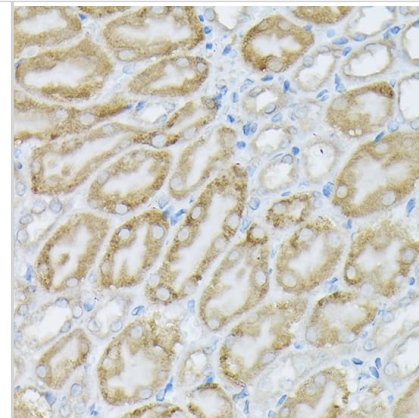
Immunocytochemistry/ Immunofluorescence: PIK3CA Antibody [NBP3-35070] - Immunofluorescence analysis of NIH/3T3 cells using PIK3CA Rabbit pAb (A0265) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



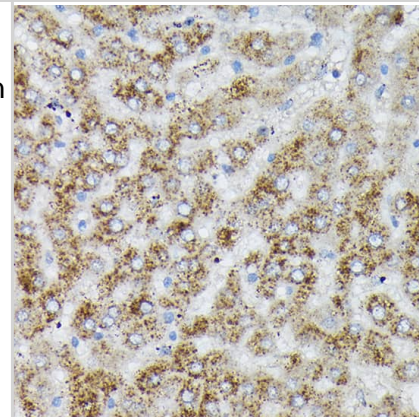
Immunocytochemistry/ Immunofluorescence: PIK3CA Antibody [NBP3-35070] - Immunofluorescence analysis of PC-12 cells using PIK3CA Rabbit pAb (A0265) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



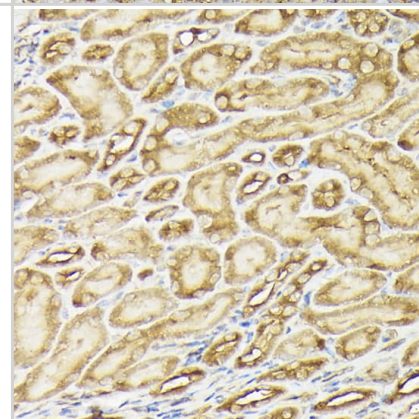
Immunohistochemistry: PIK3CA Antibody [NBP3-35070] -
Immunohistochemistry analysis of paraffin-embedded Mouse kidney
using PIK3CA Rabbit pAb at dilution of 1:100 (40x lens). High pressure
antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to
IHC staining.



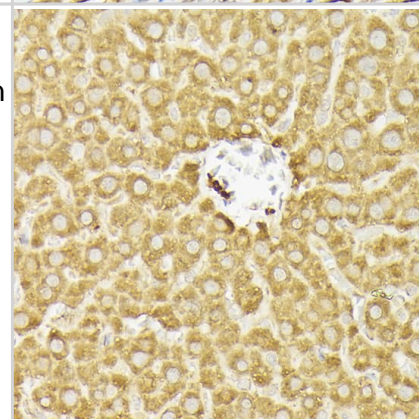
Immunohistochemistry: PIK3CA Antibody [NBP3-35070] -
Immunohistochemistry analysis of paraffin-embedded Rat liver using
PIK3CA Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen
retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC
staining.



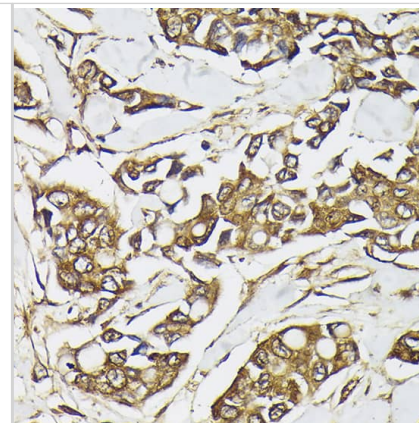
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staining.



Immunohistochemistry: PIK3CA Antibody [NBP3-35070] -
Immunohistochemistry analysis of paraffin-embedded Human breast
cancer using PIK3CA Rabbit pAb at dilution of 1:100 (40x lens). High
pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0)
prior to IHC staining.





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Products Related to NBP3-35070-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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