

Anti-PIK3CA antibody (401-1068) (STJ24991)

STJ24991

GENERAL INFORMATION

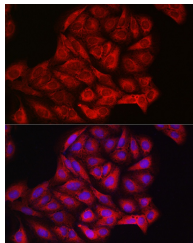
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

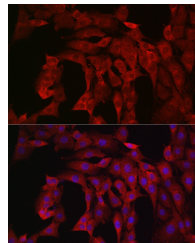
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:5000-1:20000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

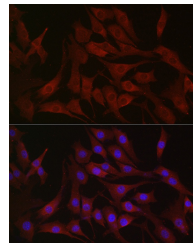
Gene ID	5290
Gene Symbol	PIK3CA
Uniprot ID	PK3CA_HUMAN
Immunogen	
Immunogen Region	401-1068
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 401-600 of human PIK3CA (NP_006209.2).
Immunogen Sequence	RLCLSICSVKGRKGAKKEHC PLAWGNINLFDYDTLVSGK MALNLWPVPHGLEDLLNPIG VTGSNPNKETPCLELEFDWF SSVVKFPDMSVIEEHANWSV SREAGFSYSHAGLSNRLARD NELRENDKEQLKAISTRDPL SEITEQEKDFLWSHRHYCVT IPEILPKLLLSVKWNSRDEV AQMYCLVKDWPPPIKPEQAME



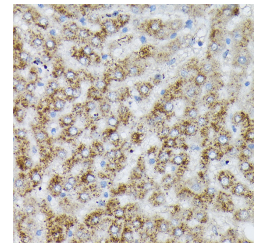
Immunofluorescence analysis of U2OS cells using PIK3CA Rabbit polyclonal antibody (STJ24991) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using PIK3CA Rabbit polyclonal antibody (STJ24991) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using PIK3CA Rabbit polyclonal antibody (STJ24991) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of PIK3CA in paraffin-embedded rat liver using PIK3CA Rabbit polyclonal antibody (STJ24991) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer, pH 6.0 before commencing with immunohistochemistry staining protocol.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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