

Rabbit anti-Human, Mouse PIK3R3/p55PIK Polyclonal Antibody | anti-PIK3R3/p55PIK antibody

PIK3R3/p55PIK Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281776	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

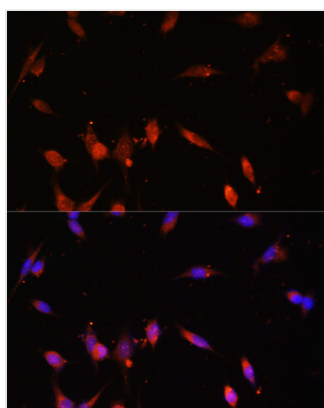
PRODUCT SYNONYMS

PIK3R3/p55PIK; Polyclonal Antibody; PIK3R3/p55PIK Rabbit pAb; PIK3R3; p55; p55-GAMMA; p55PIK; anti-PIK3R3/p55PIK antibody

PRODUCT SPECIFICATIONS

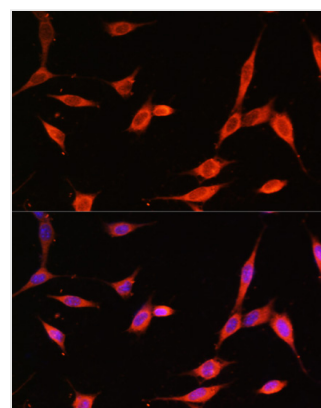
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PIK3R3/p55PIK antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PIK3R3/p55PIK
Positive Samples	U-251MG, PC-3, 293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



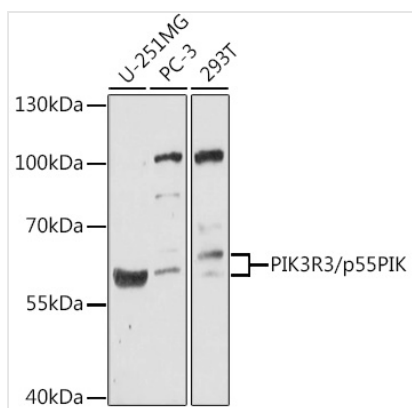
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PIK3R3/p55PIK antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using PIK3R3/p55PIK antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PIK3R3/p55PIK antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PIK3R3/p55PIK antibody	Background: Phosphatidylinositol 3-kinase (PI3K) phosphorylates phosphatidylinositol and similar compounds, which then serve as second messengers in growth signaling pathways. PI3K is composed of a catalytic and a regulatory subunit. The protein encoded by this gene represents a regulatory subunit of PI3K. The encoded protein contains two SH2 domains through which it binds activated protein tyrosine kinases to regulate their activity.
Product Categories/Family for anti-PIK3R3/p55PIK antibody	Epigenetics & Nuclear Signaling ; Translation Control ; Regulation of eIF4 and p70 S6 Kinase ; Research ; Signal Transduction ; mTOR Signaling Pathway ; Research ; Signal Transduction ; Protein Kinase C Signaling Pathway ; Research ; Signal Transduction ; Er

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373310
NCBI GeneID	8503
UniProt Accession #	Q92569 ; O60482 ; Q5T4P1 ; Q5T4P2 ; B2R9C1 ; D3DQ12
Molecular Weight	461
NCBI Official Full Name	Phosphatidylinositol 3-kinase regulatory subunit gamma
NCBI Official Synonym Full Names	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
NCBI Official Symbol	PIK3R3
NCBI Official Synonym Symbols	p55; p55PIK; p55-GAMMA
NCBI Protein Information	phosphatidylinositol 3-kinase regulatory subunit gamma; PI3-kinase subunit p55-gamma; PI3K regulatory subunit gamma; PI3-kinase regulatory subunit gamma; ptdIns-3-kinase regulatory subunit p55-gamma; phosphatidylinositol 3-kinase 55 kDa regulatory subunit
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.

