

Product datasheet for **AP14945PU-N**

PI 3 Kinase p55 gamma (PIK3R3) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/10-1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 324~353 amino acids from the C-terminal region of Human PI3KR3.
Specificity:	This antibody detects PI3 Kinase p85 (PIK3R3) at C-term.
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphoinositide-3-kinase regulatory subunit 3
Database Link:	Entrez Gene 8503 Human Q92569



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Background:

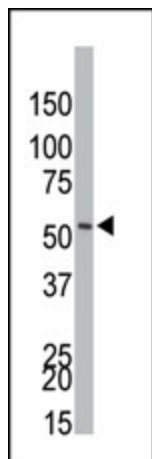
PI3KR3 binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1. It is a component of a heterodimer of p110 (catalytic) and p55 (regulatory) subunits. The protein is expressed at highest levels in brain and testis. Lower levels are detected in adipose tissue, kidney, heart, lung and skeletal muscle. The protein contains 2 SH2 domains.

Synonyms:

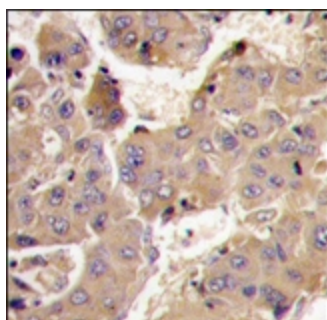
PI3K regulatory subunit gamma, p55PIK

Note:

Calculated Molecular Weight: 54462 Da

Product images:


The PI3KR3 polyclonal antibody is used in Western blot to detect PI3KR3 in mouse brain tissue lysate.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with PI3KR3 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.