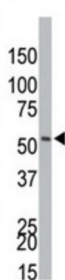
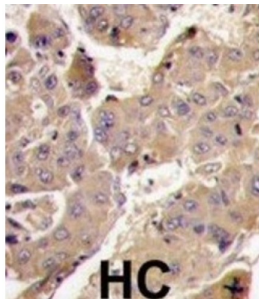


Phosphatidylinositol 3-Kinase Regulatory Subunit Gamma (PIK3R3) Antibody

Catalogue No.: abx033826



PIK3R3 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.

Target: Phosphatidylinositol 3-Kinase Regulatory Subunit Gamma (PIK3R3)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC, IF/ICC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50, IF/ICC: 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 316-346 amino acids from the C-terminal region of human PIK3R3.

Isotype: IgG

Datasheet

Version: 2.0.0

Revision date: 20 Oct 2025



Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q92569 (UniProt , ExPASy)
NCBI Accession:	NP_001107644.1, NP_003620.3
KEGG:	hsa:8503
String:	9606.ENSP00000262741
Molecular Weight:	Calculated MW: 54.4 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only