

Datasheet for ABIN360461
anti-PIK3R3 antibody (C-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	PIK3R3
Binding Specificity:	AA 324-353, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

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. Genename: PIK3R3
Isotype:	Ig Fraction
Specificity:	This antibody detects PI3 Kinase p85 (PIK3R3) at C-term.
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	PIK3R3
Alternative Name:	PIK3R3 (PIK3R3 Products)

Target Details

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, Phosphatidylinositol 3-kinase 85 kDa regulatory subunit gamma, Phosphatidylinositol 3-kinase regulatory subunit gamma, p55PIK

Gene ID: 8503, 9606

UniProt: [Q92569](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/100-1/500. Immunohistochemistry: 1/10-1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium Azide as preservative.

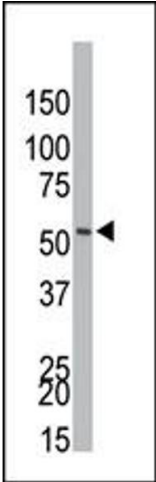
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1.

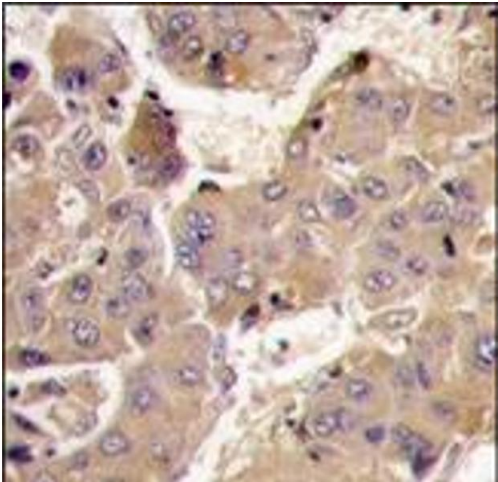


Image 2.