

Datasheet for ABIN7296596
anti-PIK3R3 antibody (Center)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	PIK3R3
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PI3K p85 alpha/p55 gamma.
Specificity:	Recognizes endogenous levels of PI3K p85 alpha/p55 gamma protein.
Characteristics:	Rabbit polyclonal antibody to PI3K p85 alpha/p55 gamma
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PIK3R3
Alternative Name:	PI3K p85 alpha/p55 gamma (PIK3R3 Products)

Target Details

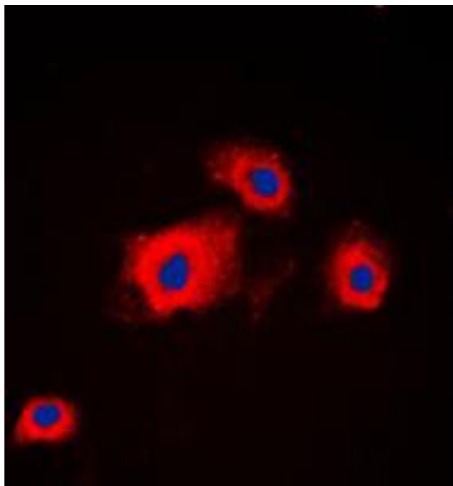
Background:	PIK3R1, GRB1, Phosphatidylinositol 3-kinase regulatory subunit alpha, PI3-kinase regulatory subunit alpha, PI3K regulatory subunit alpha, PtdIns-3-kinase regulatory subunit alpha, Phosphatidylinositol 3-kinase 85 kDa regulatory subunit alpha, PI3-kinase subunit p85-alpha, PtdIns-3-kinase regulatory subunit p85-alpha, PIK3R3, Phosphatidylinositol 3-kinase regulatory subunit gamma, PI3-kinase regulatory subunit gamma, PI3K regulatory subunit gamma, PtdIns-3-kinase regulatory subunit gamma, Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma, PI3-kinase subunit p55-gamma, PtdIns-3-kinase regulatory subunit p55-gamma, p55PIK
Gene ID:	5295, 8503, 18708
UniProt:	P27986 , Q92569 , P26450 , Q64143 , Q63787 , Q63789

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

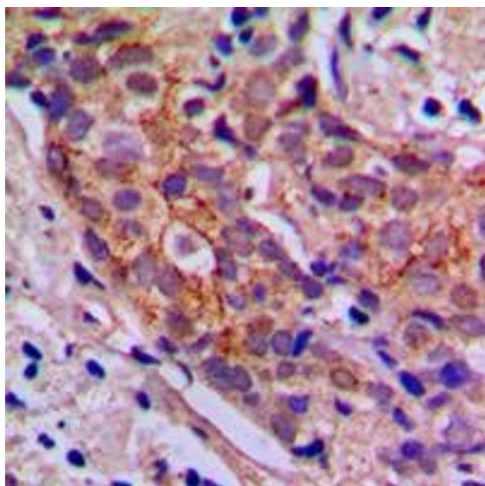
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



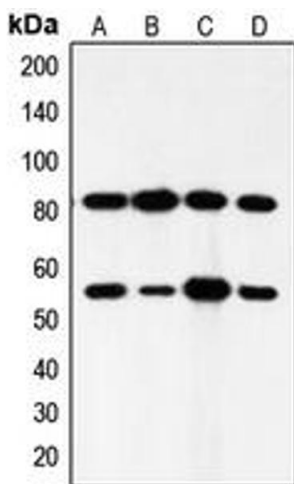
Immunofluorescence

Image 1. Immunofluorescent analysis of PI3K p85 alpha/p55 gamma staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemistry

Image 2. Immunohistochemical analysis of PI3K p85 alpha/p55 gamma staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 3. Western blot analysis of PI3K p85 alpha/p55 gamma expression in HeLa (A), mouse brain (B), rat brain (C), rat muscle (D) whole cell lysates.