

## ARG43246 anti-PIK3R3 / PI3K p55 gamma antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PIK3R3 / PI3K p55 gamma
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PIK3R3 / PI3K p55 gamma
Species	Human
Immunogen	Synthetic peptide derived from Human PIK3R3 / PI3K p55 gamma.
Conjugation	Un-conjugated
Alternate Names	PtdIns-3-kinase regulatory subunit p55-gamma; PI3-kinase subunit p55-gamma; PtdIns-3-kinase regulatory subunit gamma; p55-GAMMA; p55PIK; PI3K regulatory subunit gamma; p55; PI3-kinase regulatory subunit gamma; Phosphatidylinositol 3-kinase regulatory subunit gamma; Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SH-SY5Y	
Observed Size	~ 50 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

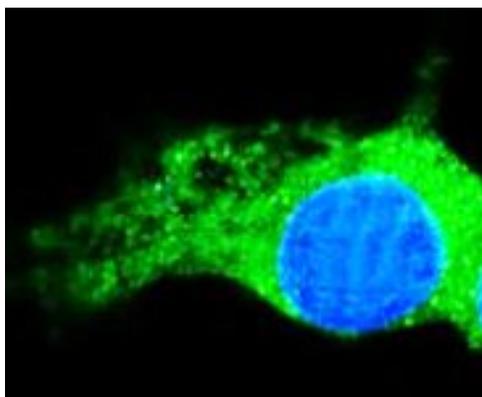
## Bioinformation

---

Gene Symbol	PIK3R3
Gene Full Name	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
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. [provided by RefSeq, Jun 2016]
Function	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. [UniProt]
Calculated Mw	54 kDa

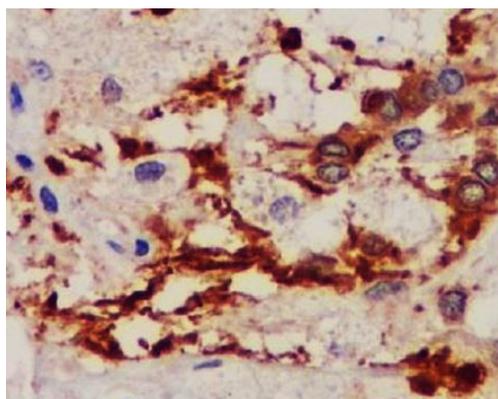
## Images

---



ARG43246 anti-PIK3R3 / PI3K p55 gamma antibody ICC/IF image

Immunofluorescence: C6 cells stained with ARG43246 anti-PIK3R3 / PI3K p55 gamma antibody (green).



ARG43246 anti-PIK3R3 / PI3K p55 gamma antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human astrocytoma tissue stained with ARG43246 anti-PIK3R3 / PI3K p55 gamma antibody.

ARG43246 anti-PIK3R3 / PI3K p55 gamma antibody WB image

Western blot: SH-SY5Y cell lysate stained with ARG43246 anti-PIK3R3 / PI3K p55 gamma antibody.

