

## anti- PIK3R1 antibody

### Product Information

Catalog No.:	FNab09963
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Phosphatidylinositol 3-kinase phosphorylates the inositol ring of phosphatidylinositol at the 3-prime position. The enzyme comprises a 110 kD catalytic subunit and a regulatory subunit of either 85, 55, or 50 kD. This gene encodes the 85 kD regulatory subunit. Phosphatidylinositol 3-kinase plays an important role in the metabolic actions of insulin, and a mutation in this gene has been associated with insulin resistance. Alternative splicing of this gene results in four transcript variants encoding different isoforms.

### Immunogen information

Immunogen:	PIK3R1
Synonyms:	AGM7, GRB1, IMD36, p85, p85-ALPHA
Observed MW:	95kDa
Uniprot ID :	P27986

### Application

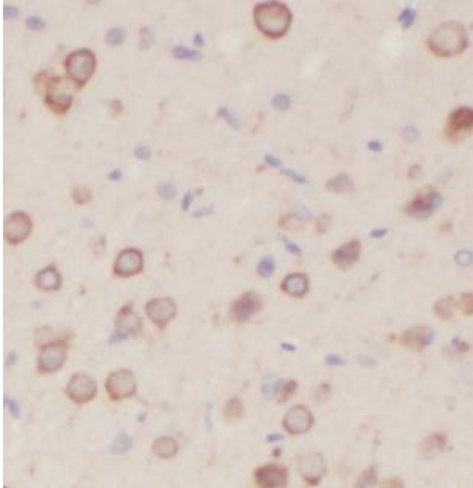
Reactivity:	Human, Rat
Tested Application:	ELISA, WB, IHC

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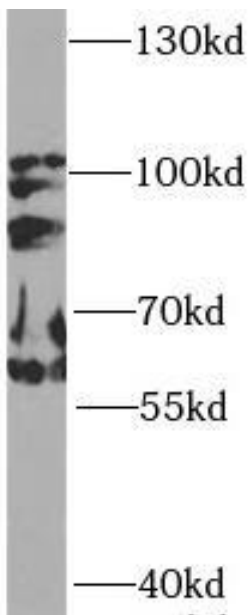
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Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded rat brain tissue slide using FNab09963(PIK3R1 Antibody) at dilution of 1:100



THP-1 cells were subjected to SDS PAGE followed by western blot with FNab09963(PIK3R1 antibody) at dilution of 1:1000

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