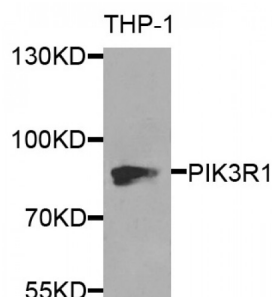


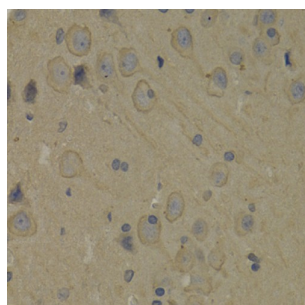
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Phosphatidylinositol 3-Kinase Regulatory Subunit Alpha (PIK3R1) Antibody

Catalogue No.: abx000536



Western blot analysis of extracts of THP-1 cells, using PIK3R1 antibody (abx000536) at 1/1000 dilution.



Immunohistochemistry of paraffin-embedded rat brain using PIK3R1 antibody (abx000536) at dilution of 1/100 (40x lens).

PIK3R1 Antibody is a Rabbit Polyclonal antibody against PIK3R1. 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.

Target: PIK3R1

Reactivity: Human, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human PIK3R1.

Purification: Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 42 kDa/49 kDa/53 kDa/83 kDa/84 kDa Observed MW: 90 kDa
Swiss Prot:	P27986
GeneID:	5295
Gene Symbol:	PIK3R1
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.