

Datasheet for ABIN7259578

**anti-PIK3R3 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	PIK3R3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant protein of human PIK3R3.
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	PIK3R3
Alternative Name:	PIK3R3 ( <a href="#">PIK3R3 Products</a> )
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

## Target Details

	binds activated protein tyrosine kinases to regulate their activity.
Molecular Weight:	Observed_MW: 54 kDa Calculated_MW: 43 kDa/47 kDa/54 kDa
Gene ID:	8503
UniProt:	<a href="#">Q92569</a>

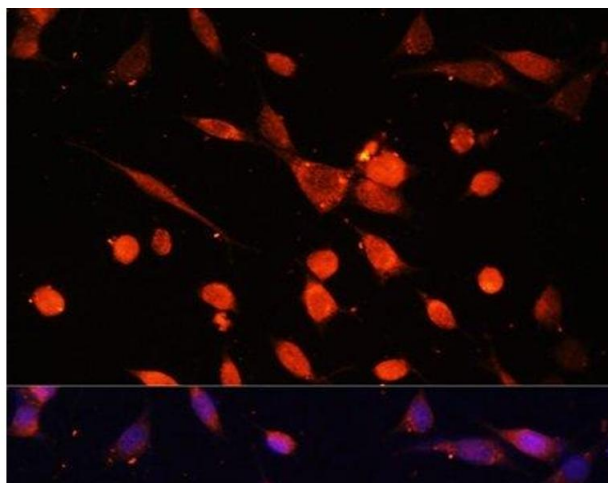
## Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

## Handling

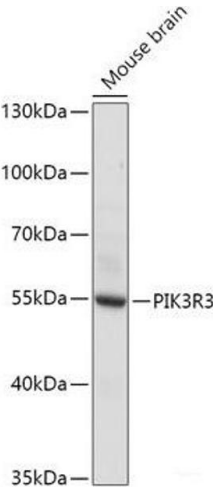
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of NIH-3T3 cells using PIK3R3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

**Image 2.** Western blot analysis of extracts of Mouse brain using PIK3R3 Polyclonal Antibody at dilution of 1:1000.