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Datasheet for ABIN7163291

anti-PIK3R4 antibody (Regulatory Subunit 4)

3 Images

Overview

Quantity:	100 µg
Target:	PIK3R4
Binding Specificity:	AA 1300-1358, Regulatory Subunit 4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIK3R4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Phosphoinositide 3-kinase regulatory subunit 4 protein (1300-1358AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PIK3R4
Alternative Name:	PIK3R4 (PIK3R4 Products)
Background:	Background: Regulatory subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate, different complex forms are believed to play a role in multiple

Target Details

membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. Involved in regulation of degradative endocytic trafficking and cytokinesis, probably in the context of PI3KC3-C2 (PubMed:20643123).

Aliases: MGC102700 antibody, P150 antibody, Phosphatidylinositol 3 kinase associated p150 antibody, Phosphatidylinositol 3 kinase regulatory subunit polypeptide 4 antibody, Phosphatidylinositol 3 kinase regulatory subunit polypeptide 4 p150 antibody, Phosphoinositide 3 kinase adaptor protein antibody, Phosphoinositide 3 kinase regulatory subunit 4 antibody, Phosphoinositide 3 kinase regulatory subunit 4 p150 antibody, Phosphoinositide 3 kinase regulatory subunit polypeptide 4 antibody, Phosphoinositide 3 kinase regulatory subunit polypeptide 4 p150 antibody, Phosphoinositide 3-kinase adaptor protein antibody, Phosphoinositide 3-kinase regulatory subunit 4 antibody, PI3 kinase p150 subunit antibody, PI3-kinase p150 subunit antibody, PI3-kinase regulatory subunit 4 antibody, PI3R4_HUMAN antibody, PIK3R 4 antibody, PIK3R4 antibody, VPS 15 antibody, VPS15 antibody

UniProt: [Q99570](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

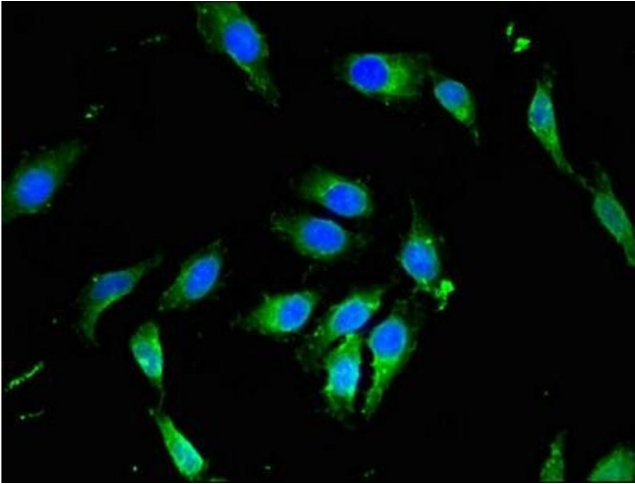
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

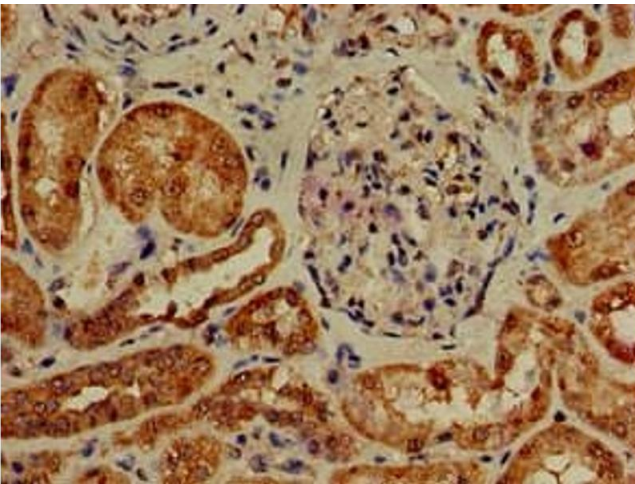
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



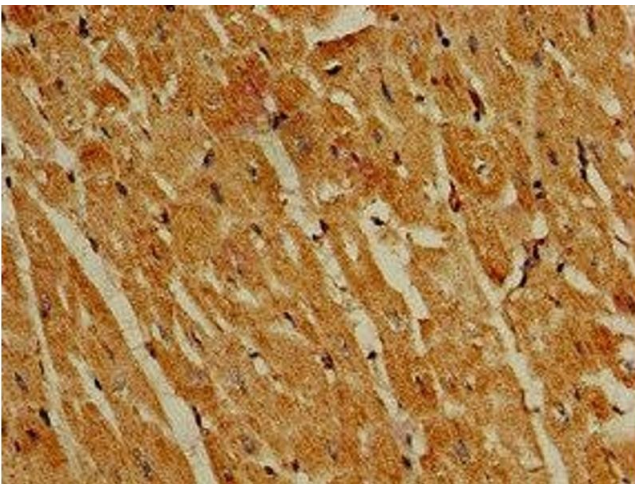
Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7163291 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7163291 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human heart tissue using ABIN7163291 at dilution of 1:100