

ARG44044 anti-PIK3R4 / VPS15 antibody

Package: 100 µl

Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PIK3R4 / VPS15
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PIK3R4 / VPS15
Species	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-330 of Human PIK3R4 / VPS15 (NP_055417.1).
Conjugation	Un-conjugated
Alternate Names	PIK3R4; Phosphoinositide-3-Kinase Regulatory Subunit 4; VPS15; P150; Phosphoinositide 3-Kinase Regulatory Subunit 4; Phosphoinositide 3-Kinase Adaptor Protein; PI3-Kinase Regulatory Subunit 4; PI3-Kinase P150 Subunit; EC 2.7.11.1; Phosphoinositide-3-Kinase, Regulatory Subunit 4, P150; Phosphoinositide-3-Kinase, Regulatory Subunit 4; Phosphatidylinositol 3-Kinase-Associated P150

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.

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.05% proclin300 and 50% Glycerol.
Preservative	0.05% proclin300
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

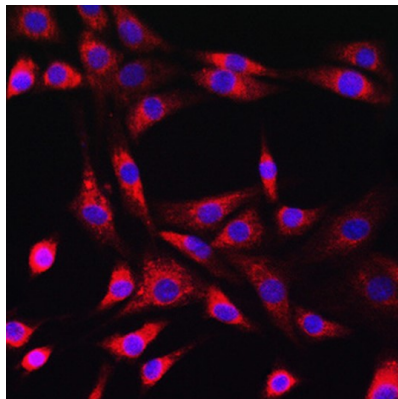
Gene Symbol	PIK3R4
Gene Full Name	Phosphoinositide-3-Kinase Regulatory Subunit 4
Background	Predicted to enable protein serine/threonine kinase activity. Involved in positive regulation of phosphatidylinositol 3-kinase activity; receptor catabolic process; and regulation of cytokinesis. Located in late endosome and microtubule cytoskeleton.
Function	Regulatory subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple 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.
Calculated Mw	153 kDa
PTM	Lipoprotein, Myristate, Phosphoprotein
Cellular Localization	Cytoplasmic vesicle, Endosome, Membrane

Images



ARG44044 anti-PIK3R4 / VPS15 antibody WB image

Western blot: Mouse thymus and Rat lung stained with ARG44044 anti-PIK3R4 / VPS15 antibody at 1:10000 dilution.



ARG44044 anti-PIK3R4 / VPS15 antibody ICC/IF image

Immunofluorescence: NIH/3T3 stained with ARG44044 anti-PIK3R4 / VPS15 antibody at 1:50 dilution.

ARG44044 anti-PIK3R4 / VPS15 antibody WB image

Western blot: Raji stained with ARG44044 anti-PIK3R4 / VPS15 antibody at 1:10000 dilution.

