

ARG44046 anti-PIK3R4 / VPS15 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PIK3R4 / VPS15
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PIK3R4 / VPS15
Species	Human
Immunogen	Recombinant fusion of Human PIK3R4 / VPS15.
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
	IHC-P	1:100-1:1000
	IP	1:100-1:500
	WB	1:500-1:3000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

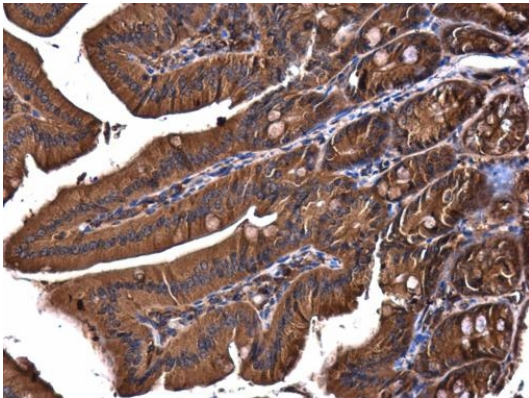
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7), 0.025% proclin300 and 20% Glycerol.
Preservative	0.025% proclin300
Stabilizer	20% Glycerol.
Concentration	4.61 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot 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.

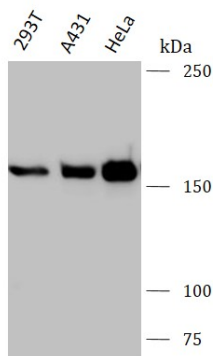
Bioinformation

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

ARG44046 anti-PIK3R4 / VPS15 antibody IHC-P image

Immunohistochemistry: Mouse duodenum stained with ARG44046 anti-PIK3R4 / VPS15 antibody at 1:500 dilution.



ARG44046 anti-PIK3R4 / VPS15 antibody WB image

Western blot: 293T, A431 and HeLa stained with ARG44046 anti-PIK3R4 / VPS15 antibody at 1:1000 dilution.

ARG44046 anti-PIK3R4 / VPS15 antibody WB image

Western blot: Mouse Liver stained with ARG44046 anti-PIK3R4 / VPS15 antibody at 1:1000 dilution.

