

产品名称: PI 3 Kinase Class 3 (11Y1) Rabbit Monoclonal Antibody
产品货号: AMRe16090



产品概述 (Summary)

产品名称 (Production Name)	PI 3 Kinase Class 3 (11Y1) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IF-P
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PIK3C3
别名 (Alternative Names)	PI3-kinase type 3; PI3K type 3; PI3 kinase type 3; Phosphatidylinositol 3-kinase p100 subunit; Phosphoinositide-3-kinase class 3; hVps34; PIK3C3; Vps 34; Vps34
基因 ID (Gene ID)	5289.0
蛋白 ID (SwissProt ID)	Q8NEB9.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:50-1:100,IF-P 1:50-1:100
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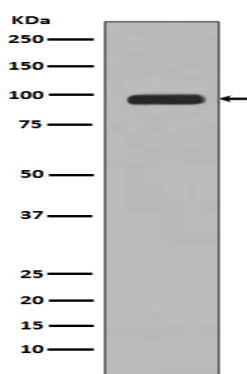
蛋白分子量 (Molecular Weight) 102kDa

研究背景 (Background)

Catalytic subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate. Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for the abscission step in cytokinesis. Catalytic 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. As part of PI3KC3-C1, promotes endoplasmic reticulum membrane curvature formation prior to vesicle budding (PubMed: [32690950](http://www.uniprot.org/citations/32690950)). Involved in regulation of degradative endocytic trafficking and required for the abscission step in cytokinesis, probably in the context of PI3KC3-C2 (PubMed: [20643123](http://www.uniprot.org/citations/20643123), PubMed: [20208530](http://www.uniprot.org/citations/20208530)). Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for transport from early to late endosomes (By similarity).

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of PI 3 Kinase Class 3 expression in 293T cell lysate.

注意事项 (Note)

For research use only .