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PIK3C3/VPS34 Rabbit pAb

货号: **AYP13599**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IF: Mus musculus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:200 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	101kDa
实测分子量	100kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,PC-3,Mouse brain
细胞定位	Cytoplasmic vesicle,Late endosome,Midbody,autophagosome
纯化	Affinity purification

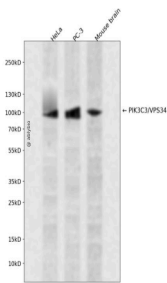
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human PIK3C3/VPS34 (N P_002638.2).
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靶点信息

研究背景	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. Involved in regulation of degradative endocytic trafficking and required for the abscission step in cytokinesis, probably in the context of PI3KC3-C2. Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for transport from early to late endosomes (By similarity).
基因ID	5289
基因名	PIK3C3
Swiss	Q8NEB9 (https://www.uniprot.org/uniprotkb/Q8NEB9/entry)
别名	PIK3C3,VPS34,hVps34,PIK3C3/VPS34 Rabbit pAb,Phosphatidylinositol 3-kinase p100 subunit,Phosphoinositide-3-kinase class 3

产品验证



Western blot analysis of PIK3C3/VPS34 expressed in HeLa, PC-3, Mouse brain using PIK3C3/VPS34 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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