

Immunotag™ PIK3C3 Antibody

Antibody Specification	
Catalog No.	ITA8124
Product Description	Immunotag™ PIK3C3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PIK3C3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PIK3C3
Specificity	PIK3C3 Antibody detects endogenous levels of total PIK3C3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PIK3C3
Accession No.	Q8NEB9
Alternate Names	hVps34; MGC61518; Phosphatidylinositol 3 kinase catalytic subunit type 3; Phosphatidylinositol 3 kinase class 3; Phosphatidylinositol 3 kinase p100 subunit; Phosphatidylinositol 3-kinase catalytic subunit type 3; Phosphatidylinositol 3-kinase p100 subunit; Phosphoinositide 3 kinase class 3; Phosphoinositide-3-kinase class 3; PI3 kinase type 3; PI3-kinase type 3; PI3K type 3; Pik3c3; PK3C3_HUMAN; PtdIns 3 kinase type 3; PtdIns-3-kinase type 3; Vps 34; Vps34;

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Description	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. Involved in regulation of degradative endocytic trafficking and required for the abscission step in cytokinesis, probably in the context of PI3KC3-C2 (PubMed:20643123, PubMed:20208530). Involved in the transport of lysosomal enzyme precursors to lysosomes. Required for transport from early to late endosomes (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	100 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.