

# PI 3 Kinase Class 3 Polyclonal Antibody

Cat No: HR1AP9588

For research use only

## Overview

Product Name	PI 3 Kinase Class 3 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat,Predicted:Cow:PIG
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	100kDa
GeneID?Human?	PIK3C3 VPS34
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	phosphoinositide-3-kinase, class 3
Background	<p>catalytic activity:ATP + 1-phosphatidyl-1D-myo-inositol = ADP + 1-phosphatidyl-1D-myo-inositol 3-phosphate.,cofactor:Manganese.,function:Catalytic subunit of the PI3K complex. Involved in the transport of lysosomal enzyme precursors to lysosomes.,similarity:Belongs to the PI3/PI4-kinase family.,similarity:Contains 1 PI3K/PI4K domain.,subunit:Probably forms a complex with AMBRA1 and BECN1 (By similarity). Heterodimer. This subunit, part of a complex composed of regulatory and catalytic subunits, associates with regulatory subunit PIK3R4.,tissue specificity:Ubiquitously expressed, with a highest expression in skeletal muscle.,</p>