

PI3 Kinase Class 3 Rabbit pAb

CatalogNo: YT5759

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat, Cow, Pig

Applications

- WB, IHC

MW

- 100kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthetic Peptide of PI 3 Kinase Class 3

Specificity This antibody detects endogenous levels of PI 3 Kinase Class 3 Polyclonal Antibody at Human; Mouse; Rat; Predicted: Cow: PIG

Target Information

Gene name PIK3C3 VPS34

Protein Name	PI 3 Kinase Class 3		
	Organism	Gene ID	UniProt ID
	Human	5289;	Q8NEB9;
	Mouse	225326;	Q6PF93;
	Rat	65052;	O88763;
Cellular Localization	Midbody . Late endosome . Cytoplasmic vesicle, autophagosome . As component of the PI3K complex I localized to pre-autophagosome structures. As component of the PI3K complex II localized predominantly to endosomes (PubMed:14617358). Localizes also to discrete punctae along the ciliary axoneme and to the base of the ciliary axoneme (By similarity). .		
Tissue specificity	Ubiquitously expressed, with a highest expression in skeletal muscle.		
Function	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.,		

| Validation Data

| Contact information

Orders:

order@immunoway.com

Support:

tech@immunoway.com

Telephone:


877-594-3616 (Toll Free), 408-747-0185

Website:

http://www.immunoway.com

Address:

2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
PI3 Kinase Class 3
Rabbit pAb