

## 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

### 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.

### Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:50-300**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthetic Peptide of PI 3 Kinase Class 3. AA range:701-771

**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	<a href="#">5289</a> ;	<a href="#">Q8NEB9</a> ;
Mouse	<a href="#">225326</a> ;	<a href="#">Q6PF93</a> ;
Rat	<a href="#">65052</a> ;	<a href="#">O88763</a> ;

**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.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
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**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)