

## ATG14 (Phospho Ser29) Rabbit pAb

CatalogNo: YP1268

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB

#### MW

- 55kD (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 1:1000-2000

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized phospho peptide around human Atg14 (Ser29)

**Specificity** This antibody detects endogenous levels of Human Mouse Atg14 (phospho-Ser29)

### Target Information

**Gene name** ATG14 KIAA0831 ATG14L

**Protein Name**

Atg14 (Ser29)

Organism	Gene ID	UniProt ID
Human	<a href="#">22863</a> ;	<a href="#">Q6ZNE5</a> ;
Mouse	<a href="#">100504663</a> ;	<a href="#">Q8CDJ3</a> ;
Rat	<a href="#">305831</a> ;	<a href="#">D4A4K3</a> ;

**Cellular Localization**

Cytoplasm . Endoplasmic reticulum membrane ; Peripheral membrane protein . Preautophagosomal structure membrane ; Peripheral membrane protein . Cytoplasmic vesicle, autophagosome membrane ; Peripheral membrane protein . Cytosolic under nutrient-rich conditions (PubMed:19050071). Following autophagy stimuli, such as starvation or rapamycin induction, predominantly detected in cytoplasmic foci, identified as isolation membranes and autophagosomes (PubMed:19050071). Accumulates on highly curved PtdIns(3)P enriched autophagic membrane via its BATS domain to sense and maintain membrane curvature (By similarity). Localizes also to discrete punctae along the ciliary axoneme and to the base of the ciliary axoneme (By similarity). .

**Tissue specificity** Brain,Epithelium,Hippocampus,Trachea,

**Function**

miscellaneous:The sequence shown here is derived from an EMBL/GenBank/DDBJ third party annotation (TPA) entry.,

## | Validation Data

## | Contact information

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**ATG14 (Phospho Ser29) Rabbit pAb**

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