

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	22863 ;	Q6ZNE5 ;
Mouse	100504663 ;	Q8CDJ3 ;
Rat	305831 ;	D4A4K3 ;

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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