

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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