

**Atg14 (Phospho Ser29) rabbit pAb**

|                              |  |
|------------------------------|--|
| <b>Catalog No :</b>          | YP1268   |
| <b>Reactivity :</b>          | Human;Mouse  |
| <b>Applications :</b>        | WB   |
| <b>Target :</b>              | Atg14  |
| <b>Fields :</b>              | >>Autophagy - animal;>>Alzheimer disease;>>Amyotrophic lateral sclerosis;>>Huntington disease;>>Spinocerebellar ataxia;>>Pathways of neurodegeneration - multiple diseases;>>Shigellosis;>>Kaposi sarcoma-associated herpesvirus infection |
| <b>Gene Name :</b>           | ATG14 KIAA0831   |
| <b>Protein Name :</b>        | Atg14 (Ser29)  |
| <b>Human Gene Id :</b>       | 22863  |
| <b>Human Swiss Prot No :</b> | Q6ZNE5   |
| <b>Mouse Gene Id :</b>       | 100504663  |
| <b>Mouse Swiss Prot No :</b> | Q8CDJ3   |
| <b>Rat Gene Id :</b>         | 305831   |
| <b>Rat Swiss Prot No :</b>   | D4A4K3   |
| <b>Immunogen :</b>           | Synthesized phospho peptide around human Atg14 (Ser29)   |
| <b>Specificity :</b>         | This antibody detects endogenous levels of Human Mouse Atg14 (phospho-Ser29)   |
| <b>Formulation :</b>         | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source :</b>              | Polyclonal, Rabbit,IgG   |

---

|                               |  |
|-------------------------------|--|
| <b>Dilution :</b>             | <u>WB 1:1000-2000</u>  |
| <b>Purification :</b>         | <u>The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.</u>   |
| <b>Concentration :</b>        | <u>1 mg/ml</u>   |
| <b>Storage Stability :</b>    | <u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>  |
| <b>Observed Band :</b>        | <u>55kD</u>  |
| <b>Function :</b>             | <u>miscellaneous:The sequence shown here is derived from an EMBL/GenBank/DDBJ third party annotation (TPA) entry.,</u>   |
| <b>Subcellular Location :</b> | <u>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). .</u> |
| <b>Expression :</b>           | <u>Brain,Epithelium,Hippocampus,Trachea,</u>   |

## Products Images