

Atg14 (Phospho Ser29) rabbit pAb

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

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

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