



Atg14 (phospho-Ser29) rabbit pAb

Catalog No	YP-Ab-10360
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ATG14 KIAA0831
Immunogen	Synthesized phosho 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
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ATG14;Atg14L;Barkor;KIAA0831;ATG14 KIAA0831;Atg14 (Ser29);Beclin 1-associated autophagy-related key regulator (Barkor) (Autophagy-related protein 14-like protein) (Atg14L)
Observed Band	55 and 65 kDa
Calculated Molecular Weight	55 kDa
Cell Pathway	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.,
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Background	
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matters needing attention	Avoid repeated freezing and thawing!
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Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.
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Products Images