

Atg14 (phospho-Ser29) rabbit pAb

Cat No.:ES18207

For research use only

Overview

Product Name	Atg14 (phospho-Ser29) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:1000-2000
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.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Atg14 (Ser29)
Gene Name	ATG14 KIAA0831
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). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using





ELK Biotechnology

Clonality

epitope-specific immunogen.

Concentration

Polyclonal

Observed band

1 mg/ml

Human Gene ID

55kD

Human Swiss-Prot Number

22863

Alternative Names

Q6ZNE5

Beclin 1-associated autophagy-related key regulator
(Barkor) (Autophagy-related protein 14-like protein)
(Atg14L)

Background



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C.