

Anti-ATG9B antibody



Description	Unconjugated Rabbit polyclonal to ATG9B
Model	STJ192026
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	285973
Gene Symbol	ATG9B
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ATG9B Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in placenta (trophoblast cells) and pituitary gland. Not expressed in vascular endothelial.
Purification	ATG9B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Autophagy-related protein 9B APG9-like 2 Nitric oxide synthase 3-overlapping antisense gene protein Protein sONE
Molecular Weight	101 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21899OMIM:612205
Alternative Names	Autophagy-related protein 9B APG9-like 2 Nitric oxide synthase 3-overlapping antisense gene protein Protein sONE
Function	Involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation. Plays a key role in the organization of the preautophagosomal structure/phagophore assembly site (PAS), the nucleating site for formation of the sequestering vesicle .
Cellular Localization	Cytoplasmic vesicle, autophagosome membrane. Under amino acid starvation or rapamycin treatment, redistributes from a juxtanuclear clustered pool to a dispersed peripheral cytosolic pool. The starvation-induced redistribution depends on ULK1 and ATG13.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com