

Atg9a Polyclonal Antibody

Catalog No :	YT5758
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Atg9a
Fields :	>>Autophagy - other;>>Mitophagy - animal;>>Autophagy - animal
Gene Name :	ATG9A APG9L1
Protein Name :	Atg9a
Human Gene Id :	79065
Human Swiss Prot No :	Q7Z3C6
Mouse Swiss Prot No :	Q68FE2
Rat Swiss Prot No :	Q5FWU3
Immunogen :	Synthetic Peptide of Atg9a
Specificity :	Atg9a Polyclonal Antibody detects endogenous levels of Atg9a
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000, ELISA 1:10000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 85kD

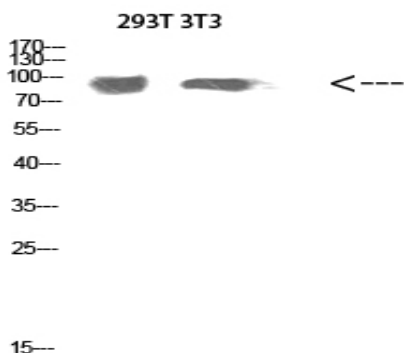
Background : function:Plays a role in autophagy.,similarity:Belongs to the ATG9 family.,

Function : function:Plays a role in autophagy.,similarity:Belongs to the ATG9 family.,

Subcellular Location : Preautophagosomal structure membrane ; Multi-pass membrane protein . Cytoplasmic vesicle, autophagosome membrane ; Multi-pass membrane protein . Golgi apparatus, trans-Golgi network membrane ; Multi-pass membrane protein . Late endosome membrane ; Multi-pass membrane protein . Recycling endosome membrane ; Multi-pass membrane protein . Endoplasmic reticulum membrane ; Multi-pass membrane protein . Mitochondrion membrane ; Multi-pass membrane protein . Mainly localizes to the trans-Golgi network (TGN) and the endosomal system; cycles between them though vesicle trafficking (PubMed:27316455, PubMed:27663665). Export from the TGN to promote formation of autophagosomes is mediated by the AP-4 complex (PubMed:29180427, PubMed:30262884). Under amino acid starvation or rapamycin treatment, redist

Expression : Brain,Embryo,Epithelium,Fetal brain,Lung endothelial cell,Lymph,Rectum tumor,Testis

Products Images



Western Blot analysis of 293T 3T3 cells using Atg9a Polyclonal Antibody diluted at 1:800. Secondary antibody(catalog#:RS0002) was diluted at 1:20000