Product Datasheet

Atg16L1 Rabbit mAb

Catalog No: #49751

Package Size: #49751-1 50ul #49751-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

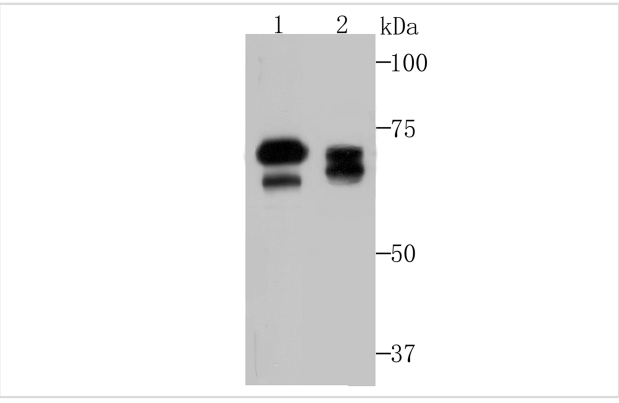
Description

Product Name	Atg16L1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU30-62
Purification	ProA affinity purified
Applications	WB
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	A16L1_HUMAN antibody APG16 like 1 antibody APG16-like 1 antibody APG16L antibody APG16L beta antibody ATG16 autophagy related 16 like 1 antibody ATG16 autophagy related 16-like 1 (S. cerevisiae) antibody ATG16A antibody ATG16L antibody Atg16l1 antibody Autophagy related protein 16 1 antibody Autophagy-related protein 16-1 antibody FLJ00045 antibody FLJ10035 antibody FLJ10828 antibody FLJ22677 antibody IBD10 antibody OTTHUMP00000164391 antibody OTTHUMP00000164393 antibody OTTHUMP00000165876 antibody OTTHUMP00000165877 antibody WD repeat domain 30 antibody WDR30 antibody
Accession No.	Swiss-Prot#:Q676U5
Uniprot	Q676U5
GeneID	55054;
Calculated MW	68/66 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

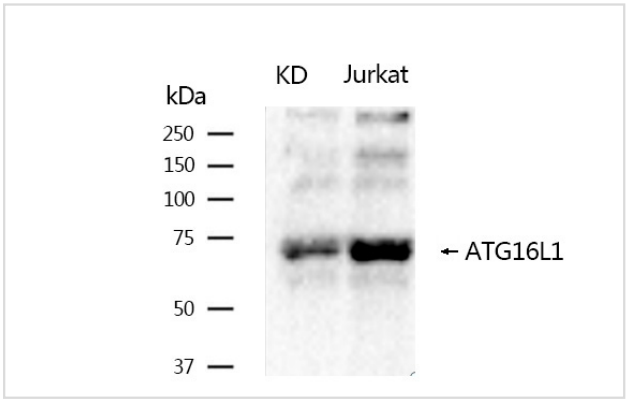
Application Details

WB: 1:500-1:2,000

Images



Western blot analysis of Atg16L1 on Hela and PC-12 cell lysates using anti-Atg16L1 antibody at 1/500 dilution.



Western blotting analysis using Atg16L1 Antibody #49751.

Background

Plays an essential role in autophagy: interacts with ATG12-ATG5 to mediate the conjugation of phosphatidylethanolamine (PE) to LC3 (MAP1LC3A, MAP1LC3B or MAP1LC3C), to produce a membrane-bound activated form of LC3 named LC3-II. Thereby, controls the elongation of the nascent autophagosomal membrane. Regulates mitochondrial antiviral signaling (MAVS)-dependent type I interferon (IFN-I) production. Negatively regulates NOD1- and NOD2-driven inflammatory cytokine response. Plays a role in regulating morphology and function of Paneth cell.

Note: This product is for in vitro research use only