Product Datasheet

ATG14L Antibody

Catalog No: #48428

Package Size: #48428-1 50ul   #48428-2 100ul

Description

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Product Name	ATG14L Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	C10-F7
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	1110038I05Rik antibody AI314632 antibody Aldehyde dehydrogenase 6 family member A1 antibody Aldehyde dehydrogenase family 6 member A1 antibody Aldehyde dehydrogenase family 6, subfamily A1 antibody ALDH6A1 antibody Malonate semialdehyde dehydrogenase antibody Malonate-semialdehyde dehydrogenase [acylating] antibody Methylmalonate semialdehyde dehydrogenase [acylating] mitochondrial antibody Methylmalonate-semialdehyde dehydrogenase [acylating] antibody MGC37325 antibody MGC40271 antibody Mitochondrial acylating methylmalonate semialdehyde dehydrogenase antibody mitochondrial antibody MMSA_HUMAN antibody MMSADHA antibody MMSDH antibody
Accession No.	Swiss-Prot#:Q6ZNE5
Uniprot	Q6ZNE5
GeneID	22863;
Calculated MW	55 KDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

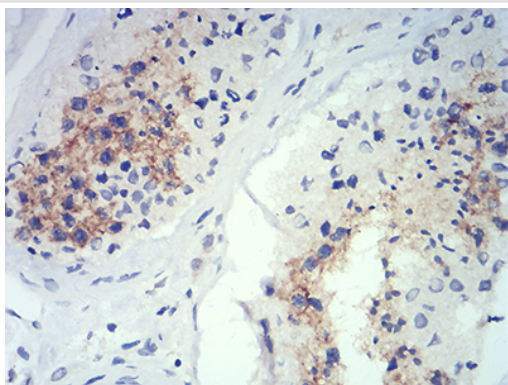WB: 1:500-1:2,000 IHC: 1:50-1:200

Images
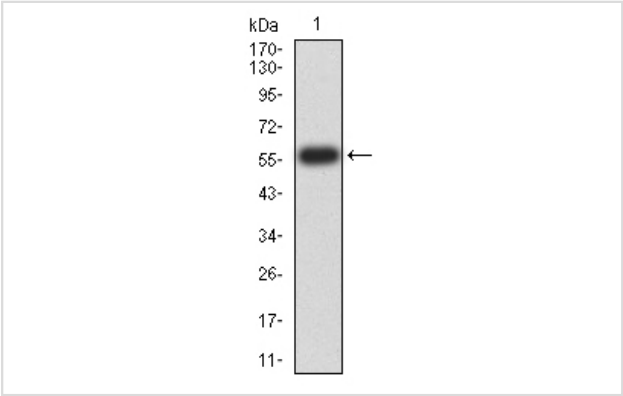
Western blot analysis of ATG14L on human ATG14L recombinant protein using anti-ATG14L antibody at 1/1,000 dilution.
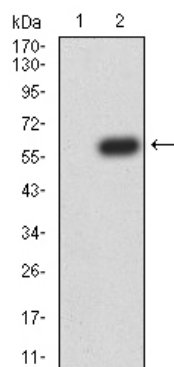
Western blot analysis of ATG14L on HEK293 (1) and ATG14L-hIgGFc transfected HEK293 (2) cell lysate using anti-ATG14L antibody at 1/1,000 dilution.

Immunohistochemical analysis of paraffin-embedded human ?testis tissues using anti-ATG14L antibody. Counter stained with hematoxylin.

Background

Required for both basal and inducible autophagy. Plays a role in autophagosome formation and MAP1LC3/LC3 conjugation to phosphatidylethanolamine. Promotes BECN1 translocation from the trans-Golgi network to autophagosomes. Enhances PIK3C3 activity in a BECN1-dependent manner.

References

Note: This product is for in vitro research use only