

Mouse anti-Human ATG14L Monoclonal Antibody | anti-ATG14L antibody

ATG14L Antibody

CATALOG # AAA312059	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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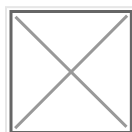
PRODUCT SYNONYMS

ATG14L; Monoclonal Antibody; ATG14L Antibody; 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; anti-ATG14L antibody

PRODUCT SPECIFICATIONS

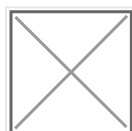
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	C10-F7
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ATG14L antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



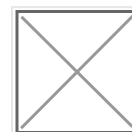
IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of ATG14L on human ATG14L recombinant protein using anti-ATG14L antibody at 1/1, 000 dilution.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ATG14L antibody	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.
Product Categories/Family for anti-ATG14L antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50540545
NCBI GeneID	22863
NCBI Accession #	NP_055739
NCBI GenBank Nucleotide #	NM_014924.4
UniProt Accession #	Q6ZNE5; O94920; Q32MK7; Q32MK8; A6NJE4; A8K9U5; B7ZWP5
Molecular Weight	54 kDa
NCBI Official Full Name	beclin 1-associated autophagy-related key regulator
NCBI Official Synonym Full Names	autophagy related 14
NCBI Official Symbol	ATG14
NCBI Official Synonym Symbols	ATG14L; BARKOR; KIAA0831
NCBI Protein Information	beclin 1-associated autophagy-related key regulator; Beclin 1-Interacting protein; ATG14 autophagy related 14 homolog; autophagy-related protein 14-like protein
UniProt Protein Name	Beclin 1-associated autophagy-related key regulator
UniProt Gene Name	ATG14
UniProt Synonym Gene Names	KIAA0831; Barkor; Atg14L
UniProt Entry Name	BAKOR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/atg14l-antibody-clone-c10-f7-immunohistochemistry-western-blot-elisa/312059>