

Rabbit anti-Human, mouse ATG14 Polyclonal Antibody | anti-ATG14 antibody

ATG14 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285393	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

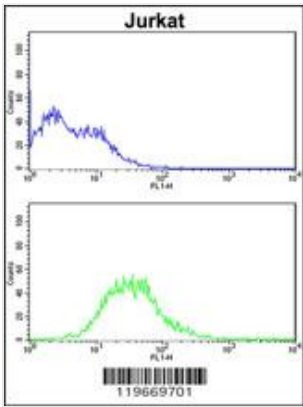
PRODUCT SYNONYMS

ATG14; Polyclonal Antibody; ATG14 Antibody (N-term); Beclin 1-associated autophagy-related key regulator; Barkor; Autophagy-related protein 14-like protein; Atg14L; KIAA0831; anti-ATG14 antibody

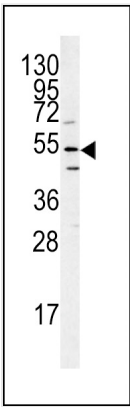
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATG14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-84 amino acids from the N-terminal region of human ATG14.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	55-84
Sequence Length	379
Applicable Applications for anti-ATG14 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
ATG14 Antibody (N-term) flow cytometric analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ATG14 antibody (N-term) in mouse heart tissue lysates (35ug/lane). ATG14 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ATG14 antibody	Signal Transduction; Autophagy
References	Sun,Q., Proc. Natl. Acad. Sci. U.S.A. 105 (49), 19211-19216 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50540545
NCBI GeneID	22863
NCBI Accession #	NP_055739.2
NCBI GenBank Nucleotide #	NM_014924.4
UniProt Accession #	Q6ZNE5; O94920; Q32MK7; Q32MK8; A6NJE4; A8K9U5; B7ZWP5
Molecular Weight	55309
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
UniProt Protein Name	Beclin 1-associated autophagy-related key regulator
UniProt Gene Name	ATG14
UniProt Synonym Gene Names	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.