

Atg14 blocking peptide

Phospho-Atg14 (Thr429) Blocking Peptide

CATALOG # AAA330000	APPLICATIONS Blocking
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PRODUCT SYNONYMS

Atg14; Phospho-Atg14 (Thr429) Blocking Peptide; 4832427M01; ATG14; Atg14L; Autophagy-related protein 14-like protein; BAKOR_HUMAN; Barkor; Beclin 1-associated autophagy-related key regulator; D14Erttd114e; D14Erttd436e; KIAA0831; mCG_6911; Atg14 blocking peptide

PRODUCT SPECIFICATIONS

Purity/Purification	The purity is >90%, tested by HPLC and MS.
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 10 mg/ml.
Applicable Applications for Atg14 blocking peptide	Blocking
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for Atg14 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50540545
NCBI GeneID	22863
NCBI Accession #	NP_055739
NCBI GenBank Nucleotide #	NP_055739.2
UniProt Accession #	Q6ZNE5 ; O94920 ; Q32MK7 ; Q32MK8 ; A6NJE4 ; A8K9U5 ; B7ZWP5
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/blocking-peptide/atg14/330000>