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AMBRA1 Antibody (ED domain) Blocking Peptide

Synthetic peptide
Catalog # BP1826d

Specification

AMBRA1 Antibody (ED domain) Blocking Peptide - Product Information

Primary Accession Q9C0C7

AMBRA1 Antibody (ED domain) Blocking Peptide - Additional Information

Gene ID 55626

Other Names
Activating molecule in BECN1-regulated autophagy protein 1, AMBRA1, KIAA1736

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1826d was selected from the ED region of human AMBRA1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

AMBRA1 Antibody (ED domain) Blocking Peptide - Protein Information

Name AMBRA1

Synonyms KIAA1736

AMBRA1 Antibody (ED domain) Blocking Peptide - Background

AMBRA1 regulates autophagy and development of the nervous system. This protein is involved in autophagy in controlling protein turnover during neuronal development, and in regulating normal cell survival and proliferation.

AMBRA1 Antibody (ED domain) Blocking Peptide - References

Maria Fimia G.,Nature 447:1121-1125(2007).Nagase T.,DNA Res. 7:347-355(2000).Ota T.,Nat. Genet. 36:40-45(2004).

Function
Regulates autophagy and development of the nervous system. Involved in autophagy in controlling protein turnover during neuronal development, and in regulating normal cell survival and proliferation (By similarity).

Cellular Location
Cytoplasmic vesicle, autophagosome. Note=Localizes also to discrete punctae along the ciliary axoneme

AMBRA1 Antibody (ED domain) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides