

# AMBRA1 Antibody (ED domain) Blocking Peptide

Synthetic peptide Catalog # BP1826d

## **Specification**

AMBRA1 Antibody (ED domain) Blocking Peptide - Product Information

Primary Accession <u>O9C0C7</u>

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 <a href=/product/pr oducts/AP1826d>AP1826d</a> 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

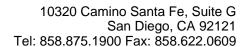
Synonyms KIAA1736

# 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