

AMBRA1 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1826a

Specification

AMBRA1 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9C0C7
Other Accession	A2AH22
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	142507
Antigen Region	27-55

AMBRA1 Antibody (N-term) - Additional Information

Gene ID 55626

Other Names

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

Target/Specificity

This AMBRA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human AMBRA1.

Dilution

WB~~1:1000
IHC-P~~1:10~50

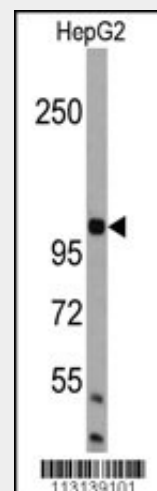
Format

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.

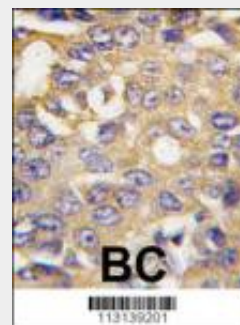
Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions



Western blot analysis of AMBRA1 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). AMBRA1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with AMBRA1 antibody (N-term) (Cat.#AP1826a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

AMBRA1 Antibody (N-term) - Background

AMBRA1 regulates autophagy and development of the nervous system. This protein is involved in autophagy in controlling

AMBRA1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

protein turnover during neuronal development, and in regulating normal cell survival and proliferation.

AMBRA1 Antibody (N-term) - Protein Information

Name AMBRA1

Synonyms KIAA1736

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 (N-term) - 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).

AMBRA1 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)