

AMBRA1 Rabbit pAb

CatalogNo: YT5762

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 140kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:10000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthetic Peptide of AMBRA1

Specificity

AMBRA1 Polyclonal Antibody detects endogenous levels of AMBRA1

Target Information

Gene name

AMBRA1 KIAA1736

Protein Name AMBRA1

Organism	Gene ID	UniProt ID
Human	55626;	Q9C0C7;
Mouse	228361;	A2AH22;

Cellular Localization

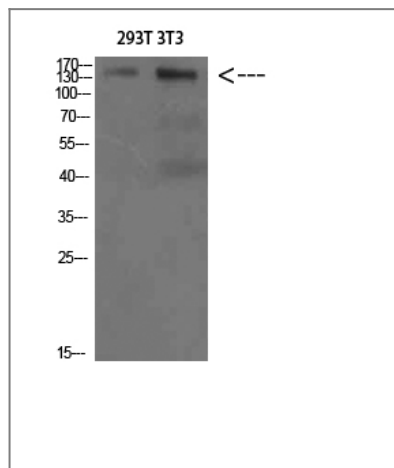
Endoplasmic reticulum . Cytoplasm, cytoskeleton . Cytoplasmic vesicle, autophagosome . Mitochondrion . Cytoplasm, cytosol . Nucleus . Cell junction, focal adhesion . Localizes to the cytoskeleton in absence of autophagy induction (PubMed:20921139). Upon autophagy induction, AMBRA1 relocates to the endoplasmic reticulum to enable autophagosome nucleation (PubMed:20921139). Partially localizes at mitochondria in normal conditions (PubMed:21358617). Localizes also to discrete punctae along the ciliary axoneme (By similarity). .

Tissue specificity Brain,Testis,

Function

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.,similarity:Contains 3 WD repeats.,subunit:Interacts with BECN1. Probably forms a complex with BECN1 and PIK3C3.,

Validation Data



Western Blot analysis of 293T 3T3 cells using AMBRA1 Polyclonal Antibody diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Contact information

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