

**AMBRA1 Antibody**  
Catalog # ASM10523

**Specification**

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**AMBRA1 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9C0C7</a>
Other Accession	<a href="#">NP_001254711.1</a>
Host	<b>Rabbit</b>
Reactivity	<b>Human, Rat</b>
Clonality	<b>Polyclonal</b>

**Description**

Rabbit Anti-Human AMBRA1 Polyclonal

**Target/Specificity**

Detects ~142 kDa.

**Other Names**

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

**Immunogen**

Synthetic peptide from the C-terminal of Human AMBRA1 (aa. 202-212)

**Purification**

Peptide Affinity Purified

Storage **-20°C**

**Storage Buffer**

PBS, 50% glycerol, 0.09% sodium azide

Shipping Temperature **Blue Ice or 4°C**

**Certificate of Analysis**

A 1:1000 dilution of SPC-644 was sufficient for detection of AMBRA1 in 15 µg of Rat Brain Lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

**Cellular Localization**

Cytoplasmic Vesicle | Autophagosome

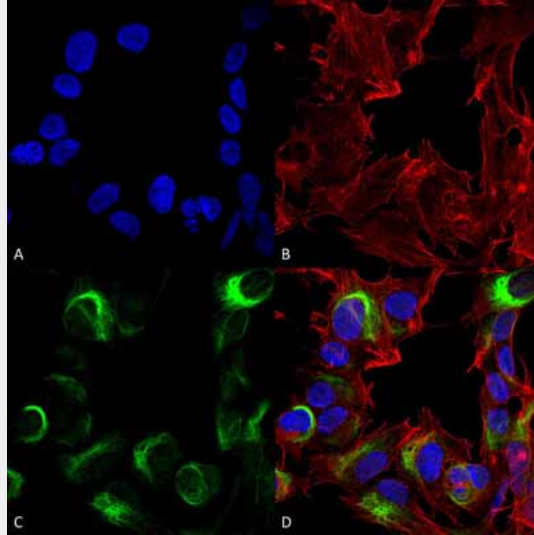
**AMBRA1 Antibody - Protocols**

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

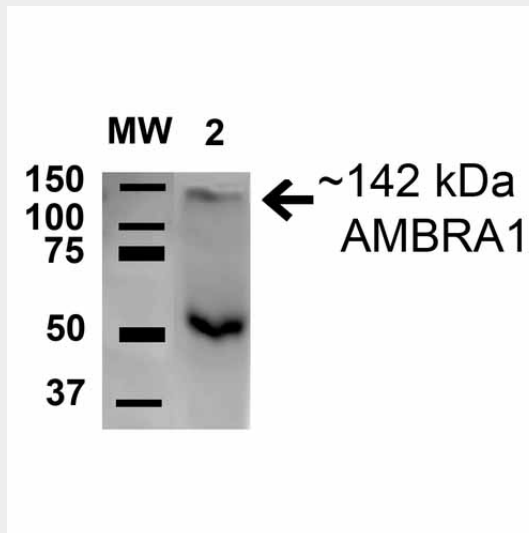
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

### AMBRA1 Antibody - Images



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-AMBRA1 Polyclonal Antibody (ASM10523). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-AMBRA1 Polyclonal Antibody (ASM10523) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cytoplasmic Vesicle, Autophagosome. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) AMBRA1 Antibody (D) Composite.



Western blot analysis of Rat Brain cell lysates showing detection of 142.5 kDa AMBRA1 protein using Rabbit Anti-AMBRA1 Polyclonal Antibody (ASM10523). Lane 1: Molecular Weight Ladder (MW). Lane 2: Rat Brain cell lysates. Load: 15  $\mu$ g. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-AMBRA1 Polyclonal Antibody (ASM10523) at 1:1000 for 1 hour at RT. Secondary Antibody: Goat Anti-Rabbit HRP at 1:2000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: 142.5 kDa. Other Band(s): 50 kDa.