

Ambra1 Rabbit pAb

Catalog No.: A1083

1 Publications

Basic Information

Observed MW

130-150kDa

Calculated MW

143kDa

Category

Primary antibody

Applications

WB, IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables GTPase binding activity and ubiquitin protein ligase binding activity. Involved in macroautophagy; positive regulation of phosphatidylinositol 3-kinase activity; and response to mitochondrial depolarisation. Located in cytosol. Colocalizes with mitochondrion. Biomarker of multiple system atrophy.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

55626

Swiss Prot

Q9C0C7

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

DCAF3; WDR94; Ambra1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

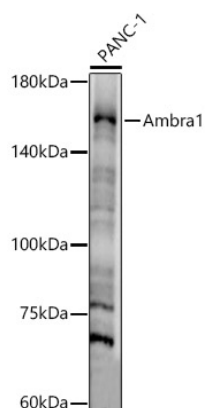
Affinity purification

Storage

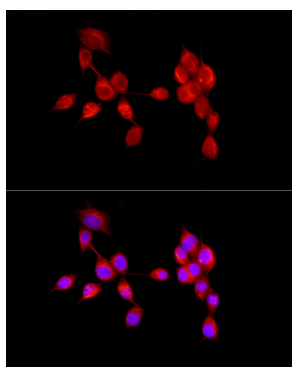
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

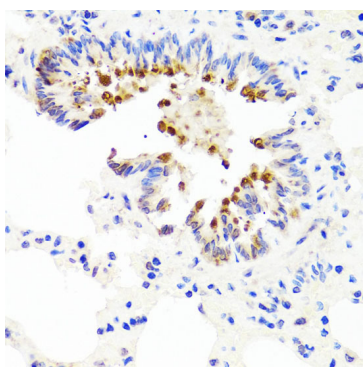
Validation Data



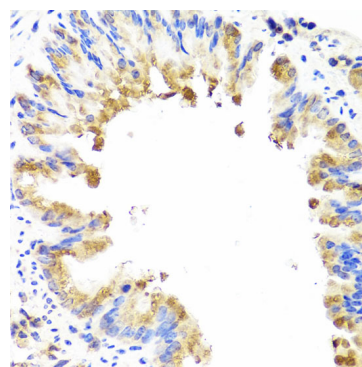
Western blot analysis of lysates from PANC-1 cells, using Ambra1 Rabbit pAb (A1083) at 1:800 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using Ambra1 Rabbit pAb (A1083) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Rat lung using Ambra1 Rabbit pAb (A1083) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using Ambra1 Rabbit pAb (A1083) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.