Datasheet for ABIN5066192

anti-AMBRA1 antibody (AA 200-300) (Atto 390)

2 Images

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Overview

Quantity:	100 µg
Target:	AMBRA1
Binding Specificity:	AA 200-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMBRA1 antibody is conjugated to Atto 390
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide of Human AMBRA1 (aa. 200-300)
Isotype:	IgG
Specificity:	Detects ~142 kDa.
Cross-Reactivity:	Human, Rat
Purification:	Peptide Affinity Purified

Target Details

Target:	AMBRA1
Alternative Name:	AMBRA1 (AMBRA1 Products)
Gene ID:	55626

Target Details

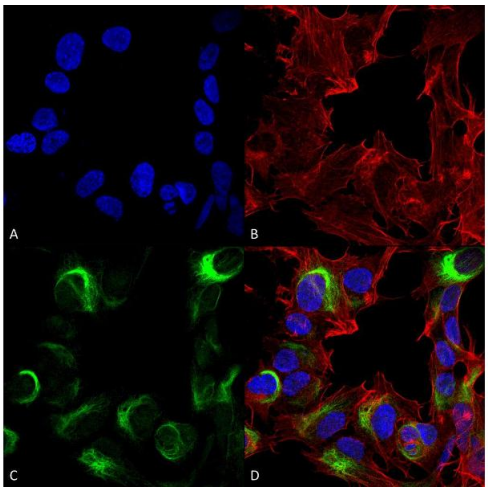
NCBI Accession:	NP_001254711
UniProt:	Q9C0C7
Pathways:	Autophagy

Application Details

Application Notes:	• WB (1:1000) • ICC/IF (1:100) • optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of ABIN5066192 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.
Restrictions:	For Research Use only

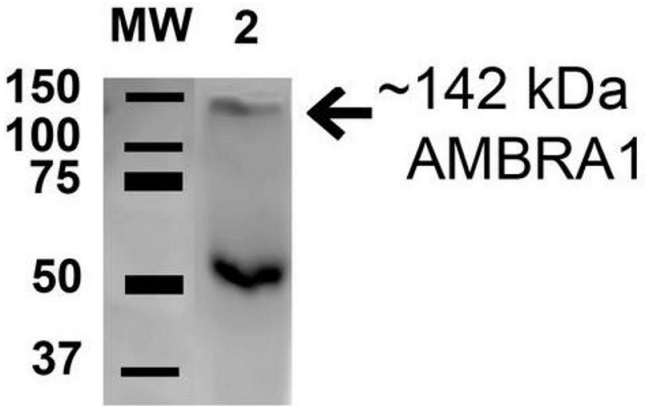
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C



Immunofluorescence (fixed cells)

Image 1. Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-AMBRA1 Polyclonal Antibody . Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-AMBRA1 Polyclonal Antibody 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 Blotting

Image 2. Western blot analysis of Rat Brain cell lysates showing detection of 142.5 kDa AMBRA1 protein using Rabbit Anti-AMBRA1 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: Rat Brain cell lysates. Load: 15 µg . Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-AMBRA1 Polyclonal Antibody 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.