

Datasheet for ABIN2868992

anti-ATG2A antibody (C-Term) (Atto 488)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ATG2A
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATG2A antibody is conjugated to Atto 488
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide from the C-terminal of human ATG2A
Specificity:	Predicted molecular weights at ~213 kDa. Other observed bands around ~90-100 kDa to be expected.
Cross-Reactivity:	Human, Mouse
Purification:	Peptide Affinity Purified

Target Details

Target:	ATG2A
Alternative Name:	ATG2A (ATG2A Products)
Background:	ATG2A belongs to the ATG2 family. It is required for both autophagosome formation and

Target Details

regulation of lipid droplet morphology and dispersion (1).

Gene ID: 23130

NCBI Accession: [NP_055919](#)

UniProt: [Q2TAZ0](#)

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 ABIN2868992 was sufficient for detection of ATG2A on HeLa cell lysates using Goat anti-rabbit IgG:HRP as the secondary antibody.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

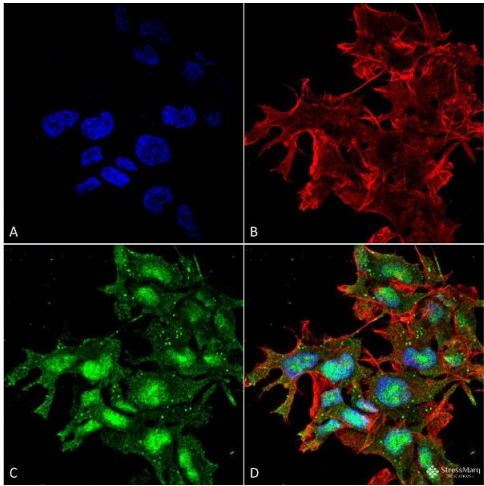
Buffer: PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated

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-ATG2A Polyclonal Antibody . Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-ATG2A Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Nucleus, Cytoplasm. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) ATG2A Antibody (D) Composite.