

## Product Datasheet

### ATG4B Antibody (FITC) (orb383938)

<b>Catalog Number</b>	orb383938
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody against ATG4B conjugated to FITC.
<b>Target</b>	ATG4B
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Conjugation</b>	FITC
<b>Reactivity</b>	Human, Mouse
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	640.91mM DMSO, 136.36 mM Ethanolamine, 126.89 mM chlorides, 9.09mM phosphates, 9.09mM NaHCO <sub>3</sub>
<b>Purification</b>	Peptide Affinity Purified
<b>Immunogen</b>	Synthetic peptide from the N-terminal to mid of Human ATG4B (aa. 94-106)
<b>UniProt ID</b>	<b>Q9Y4P1</b>
<b>MW</b>	44 kDa
<b>Tested applications</b>	ICC, IF, WB
<b>Dilution range</b>	WB (1:1000), ICC/IF (1:100)

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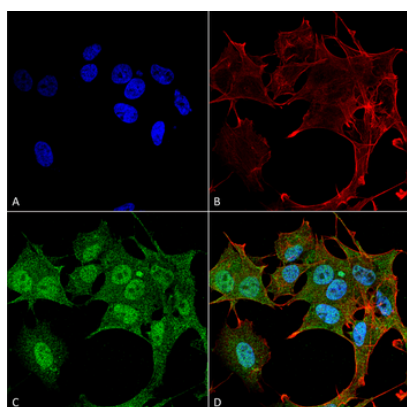
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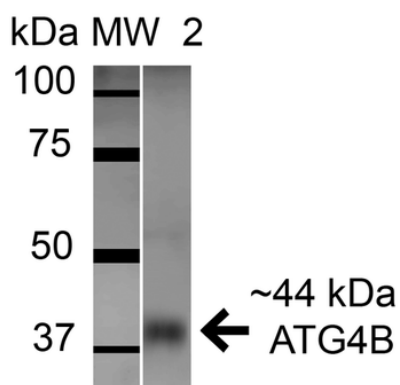
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<b>Application notes</b>	A 1:1000 dilution was sufficient for detection of ATG4B in 15 µg of Human HeLa Cell Lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Specificity</b>	Detects ~44 kDa.
<b>Storage</b>	Conjugated antibodies should be stored according to the product label
<b>Note</b>	For research use only
<b>Entrez</b>	<b>23192</b>
<b>NCBI</b>	<b>NP_037457.3</b>
<b>Expiration Date</b>	12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-ATG4B Polyclonal Antibody. Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-ATG4B Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Rabbit 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: Cytoplasm, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) ATG4B Antibody (D) Composite.



Western blot analysis of Mouse Brain cell lysates showing detection of ATG4B protein using Rabbit Anti-ATG4B Polyclonal Antibody. Lane 1: Molecular Weight Ladder (MW). Lane 2: Mouse Brain cell lysates. Load: 15 µg. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-ATG4B 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. Other Band (s): Band appears at ~40 kDa.

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