

Product Datasheet

ATG4B Antibody - BSA Free

NBP2-41307

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-41307

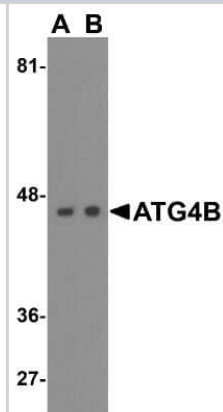
ATG4B Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	46 kDa
Product Description	
Host	Rabbit
Gene ID	23192
Gene Symbol	ATG4B
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Chicken (88%).
Specificity/Sensitivity	At least two isoforms of ATG4B are known to exist; this antibody will detect only the larger isoform. ATG4B is predicted to not cross-react with other ATG4 proteins.
Immunogen	Antibody was raised against a 17 amino acid peptide near the carboxy terminus of human ATG4B. The immunogen is located within the last 50 amino acids of ATG4B. Amino Acid Sequence: LDSSDVERLERFFDSED
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 5 ug/ml



Images

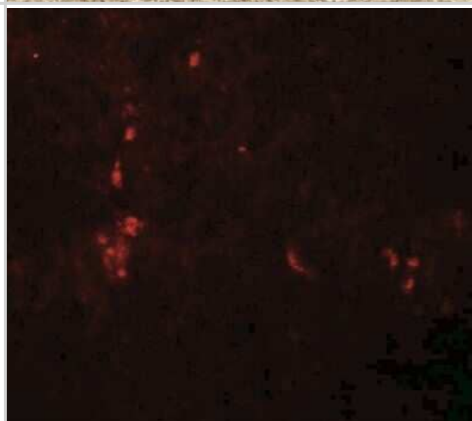
Western Blot: ATG4B Antibody [NBP2-41307] - Analysis of ATG4B in (A) Ramos and (B) Jurkat cell lysate with ATG4B antibody at 1 ug/mL.



Immunohistochemistry-Paraffin: ATG4B Antibody [NBP2-41307] - Human spleen tissue with ATG4B antibody at 5 ug/ml.



Immunohistochemistry: ATG4B Antibody [NBP2-41307] - Human spleen tissue with ATG4B antibody at 20 ug/ml.



Publications

Wan DF, Pan SS, Tong YS, Huang Y Exercise Preconditioning Promotes Autophagy to Cooperate for Cardioprotection by Increasing LC3 Lipidation-Associated Proteins *Frontiers in physiology* 2021-05-05 [PMID: 34025444] (WB, IHC-P, Rat)



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Products Related to NBP2-41307

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57210PEP	ATG4B Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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