

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

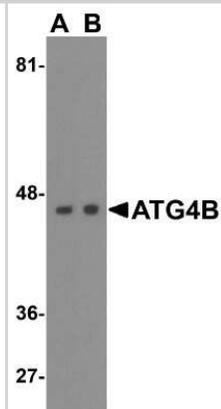
ATG4B Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit ATG4B Antibody - BSA Free (NBP2-41307) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-ATG4B Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunohistochemistry-Paraffin 5 ug/ml

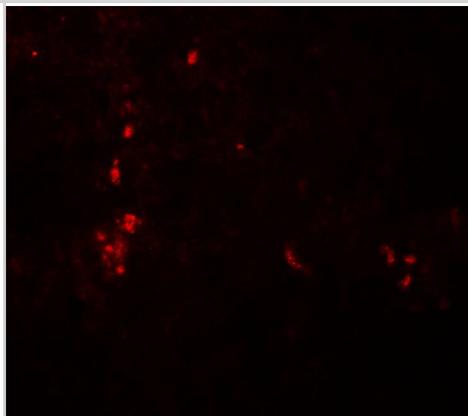


Images

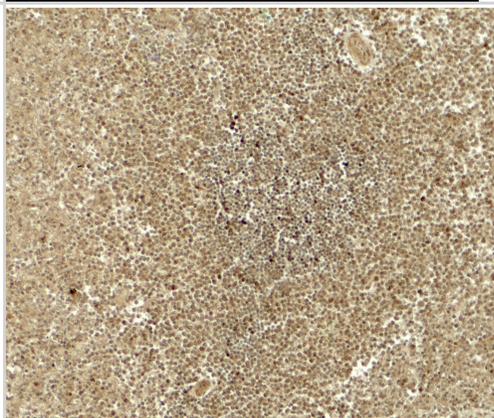
Western Blot: ATG4B Antibody [NBP2-41307] - Analysis of ATG4B in (A) Ramos and (B) Jurkat cell lysate with ATG4B antibody at 1 ug/mL.



Immunocytochemistry/ Immunofluorescence: ATG4B Antibody - BSA Free [NBP2-41307] - Immunofluorescence of ATG4B in human spleen tissue with ATG4B antibody at 20 u/ml.



Immunohistochemistry: ATG4B Antibody - BSA Free [NBP2-41307] - Immunohistochemistry of ATG4B in human spleen tissue with ATG4B antibody at 5 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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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