

Product Datasheet

ATG4C Antibody - BSA Free

NBP1-89043

Unit Size: 0.1 ml

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

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Publications: 1

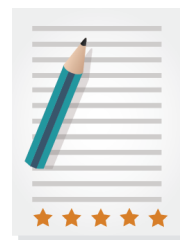
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NBP1-89043

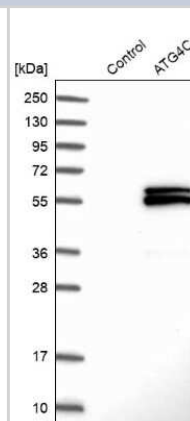
ATG4C Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit ATG4C Antibody - BSA Free (NBP1-89043) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ATG4C Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84938
Gene Symbol	ATG4C
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EEARHPDLQGITYVAQDCTVYNSDVIDKQSASMTSDNADDKAVIILVPVRLGGE RTNTDYLEFVKGILSLEYCVGIIGGKPKQSYFAGFQDDSLIYMDPHYCQSFV
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

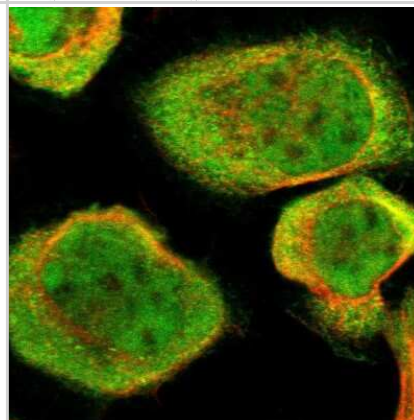


Images

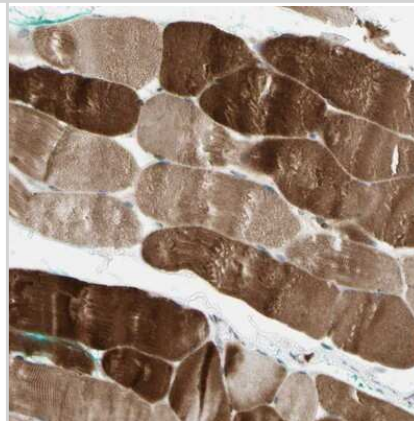
Western Blot: ATG4C Antibody [NBP1-89043] - Analysis in control (vector only transfected HEK293T lysate) and ATG4C over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Immunocytochemistry/Immunofluorescence: ATG4C Antibody [NBP1-89043] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol.



Immunohistochemistry-Paraffin: ATG4C Antibody [NBP1-89043] - Staining of human skeletal muscle shows strong cytoplasmic positivity in myocytes.



Publications

Sathiyaseelan P, Chittaranjan S, Kalloger SE et al. ATG4B and ATG4A loss result in two-stage cell cycle defects in pancreatic ductal adenocarcinoma cells Journal of cell science 2023-09-13 [PMID: 37701987]



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Products Related to NBP1-89043

NBP1-89043PEP	ATG4C Recombinant Protein Antigen
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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