

Product Datasheet

C12orf73 Antibody - BSA Free

NBP1-90536

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: 2

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NBP1-90536

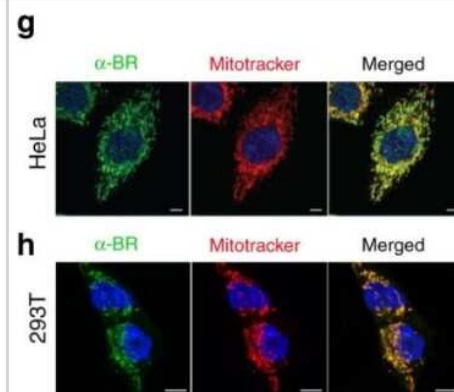
C12orf73 Antibody - BSA Free

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 Knockout (KO) Validated Rabbit C12orf73 Antibody - BSA Free (NBP1-90536) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-C12orf73 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	728568
Gene Symbol	C12ORF73
Species	Human, Zebrafish
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (80%). Zebrafish reactivity reported in (PMID: 32161263).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AEVVHRYRYPDLTIPEIPKRGELKTELLGLKERKHKPQVSQQEEL
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot Reported in scientific literature (PMID:32161263), Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500, Knockout Validated, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

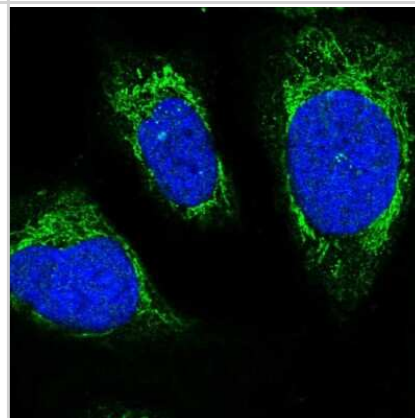


Images

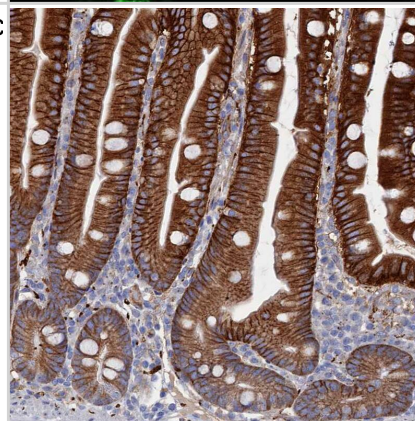
C12orf73-Antibody-Immunocytochemistry-Immunofluorescence-NBP1-90536-img0010.jpg



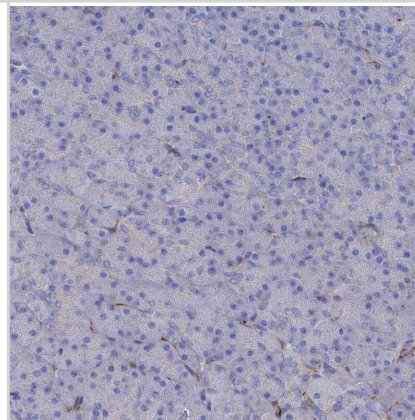
Immunocytochemistry/Immunofluorescence: C12orf73 Antibody [NBP1-90536] - Staining of human cell line U-2 OS shows localization to mitochondria & centrosome. Antibody staining is shown in green.



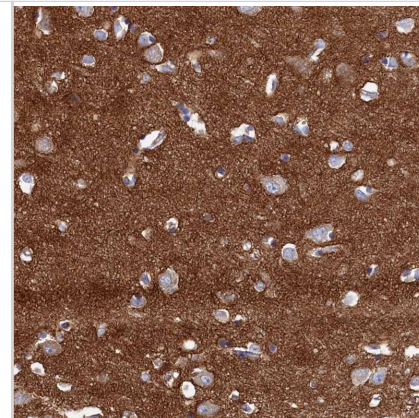
Staining of human gastrointestinal shows moderate to strong cytoplasmic positivity in glandular cells.



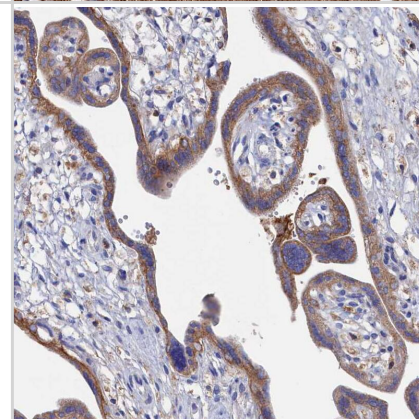
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



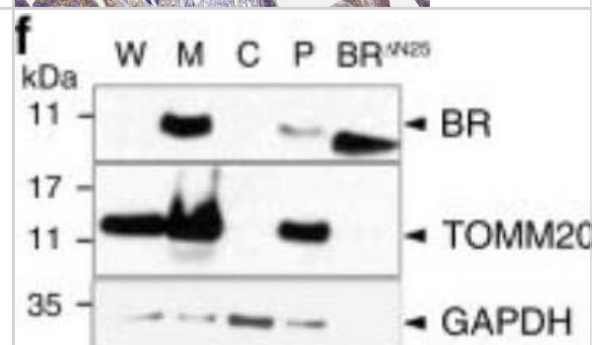
Staining of human cerebral cortex shows strong positivity in neuropil.



Staining of human placenta shows moderate cytoplasmic positivity in trophoblastic cells.



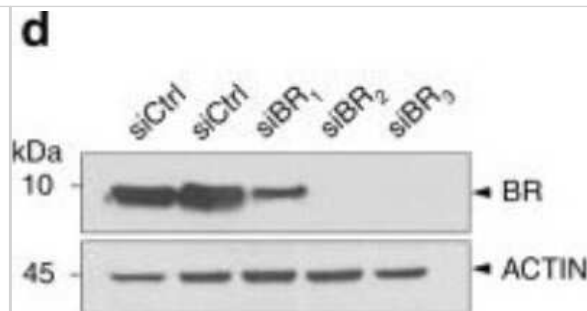
C12orf73-Antibody-Western-Blot-NBP1-90536-img0014.jpg



C12orf73-Antibody-Western-Blot-NBP1-90536-img0013.jpg



C12orf73-Antibody-Knockdown-Validated-NBP1-90536-img0011.jpg



C12orf73-Antibody-Knockout-Validated-NBP1-90536-img0012.jpg



Publications

Liang C, Zhang S, Robinson D, Ploeg MV et Al. Mitochondrial microproteins link metabolic cues to respiratory chain biogenesis Cell Rep 2022-08-17 [PMID: 35977508]

Zhang S, Reljic B, Liang C et Al. Mitochondrial peptide BRAWNIN is essential for vertebrate respiratory complex III assembly Nat Commun 2020-03-11 [PMID: 32161263] (ICC/IF, WB, Zebrafish)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-90536

NBP1-90536PEP	C12orf73 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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