

Product Datasheet

KNTC1 Antibody - BSA Free

NBP1-83032

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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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

Host	Rabbit
Gene ID	9735
Gene Symbol	KNTC1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (81%), Rat (81%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VKMLESLLSMSASVSLQKLCPWFKNDVIPFVRRTVPEGQIILAKWLEQAARNL ELTDKANWPENGLQLAEIFFTAEKTDDELGLASSWHWISLKDYQNTTEVCQLRTL VNNLR

Product Application Details

Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	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

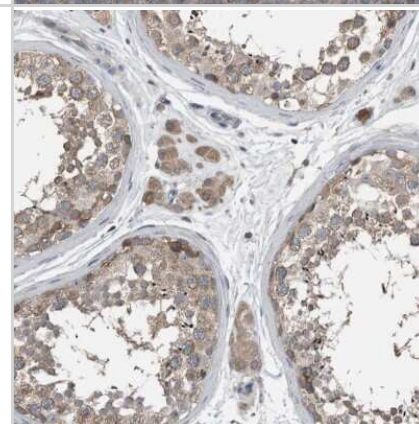
Immunocytochemistry/Immunofluorescence: KNTC1 Antibody [NBP1-83032] - Immunofluorescent staining of human cell line U-251 MG shows localization to plasma membrane, cytosol & actin filaments. Antibody staining is shown in green.



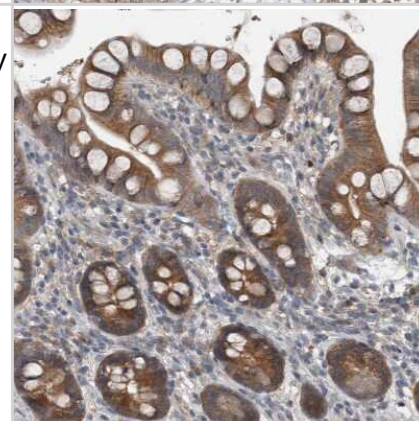
Immunohistochemistry-Paraffin: KNTC1 Antibody [NBP1-83032] - Staining of human tonsil shows weak cytoplasmic positivity in germinal center cells.



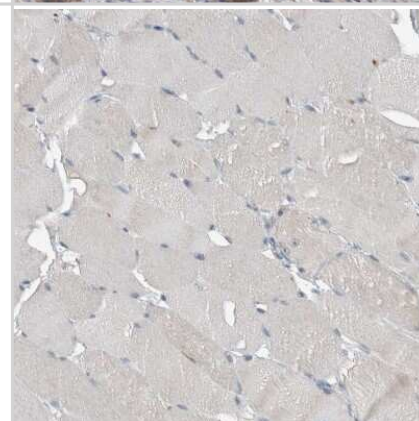
Immunohistochemistry-Paraffin: KNTC1 Antibody [NBP1-83032] - Staining of human testis shows cytoplasmic positivity in cells in seminiferous ducts and in Leydig cells.



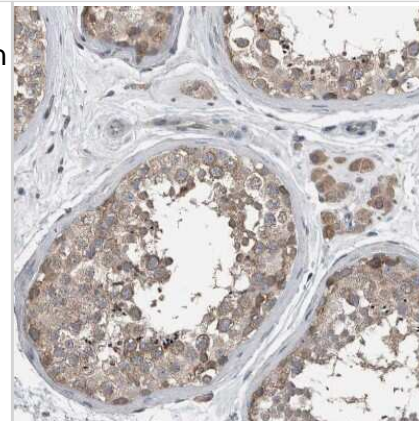
Immunohistochemistry-Paraffin: KNTC1 Antibody [NBP1-83032] - Staining of human gastrointestinal shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: KNTC1 Antibody [NBP1-83032] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: KNTC1 Antibody [NBP1-83032] - Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



Publications

Pan W, Wang S, Liu X et al. KNTC1, regulated by HPV E7, inhibits cervical carcinogenesis partially through Smad2
Experimental cell research 2023-02-01 [PMID: 36608837] (IHC-P, Human)

Details:

Dilution used in IHC-P 1:20



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 NBP1-83032

NBP1-83032PEP	KNTC1 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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