

Product Datasheet

Treacher Collins syndrome protein Antibody - BSA Free NBP1-86909

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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NBP1-86909

Treachers Collins syndrome protein 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

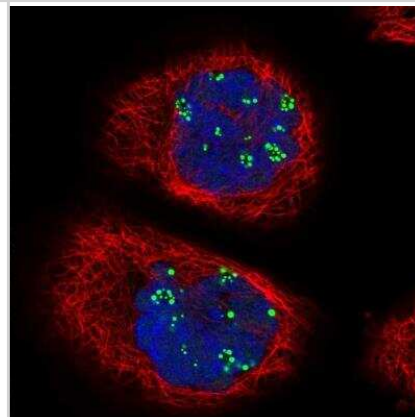
Product Description	
Host	Rabbit
Gene ID	6949
Gene Symbol	TCOF1
Species	Human, Zebrafish
Reactivity Notes	Use in Zebrafish reported in scientific literature (PMID:32231306).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ESSRISDGKKQEGPATQVSKKNPASLPLTQAALKVLAQKASEAQPPVARTQPS SGVDSAVGTLPATSPQSTSVQAKGTNKLKPK

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

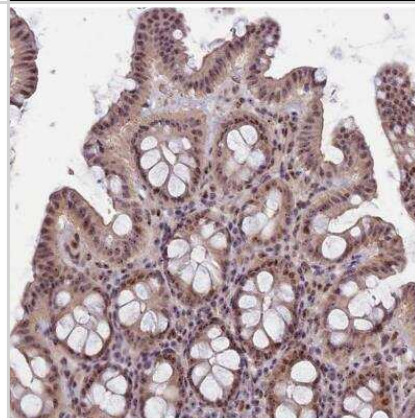


Images

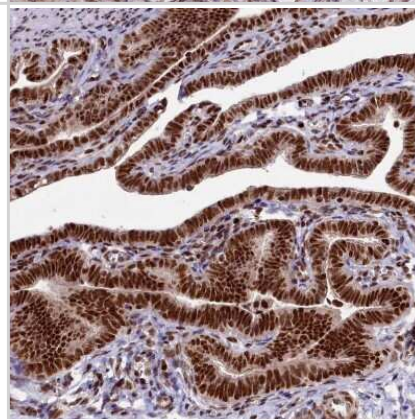
Immunocytochemistry/Immunofluorescence: Treacher Collins syndrome protein Antibody [NBP1-86909] - Staining of human cell line A-431 shows localization to nucleoli fibrillar center. Antibody staining is shown in green.



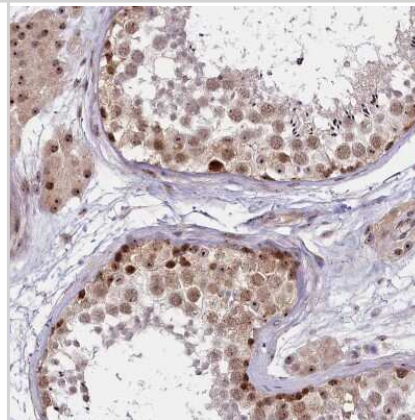
Immunohistochemistry-Paraffin: Treacher Collins syndrome protein Antibody [NBP1-86909] - Staining of human colon shows weak to moderate nuclear and nucleolar positivity in glandular cells.



Immunohistochemistry-Paraffin: Treacher Collins syndrome protein Antibody [NBP1-86909] - Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: Treacher Collins syndrome protein Antibody [NBP1-86909] - Staining of human testis shows moderate to strong nuclear and nucleolar positivity in cells in seminiferous ducts.



Publications

Jaberi-Lashkari N, Lee B, Aryan F, Calo E. An evolutionarily nascent architecture underlying the formation and emergence of biomolecular condensates *Cell Reports* 2023-08-29 [PMID: 37586369]

Santoriello C, Sporrij A, Yang S et al. RNA helicase DDX21 mediates nucleotide stress responses in neural crest and melanoma cells *Nat. Cell Biol.* 2020-04-01 [PMID: 32231306] (ICC/IF, Zebrafish)

Calo E, Gu B, et al. Tissue-selective effects of nucleolar stress and rDNA damage in developmental disorders. *Nature* 2018-02-01 [PMID: 29364875] (Human)





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 NBP1-86909

NBP1-86909PEP	Treacher Collins syndrome protein 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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