

Product Datasheet

Beta Ig-h3/TGFBI Antibody

NBP1-88606

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-88606

Updated 1/30/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-88606



NBP1-88606

Beta Ig-h3/TGFBI Antibody

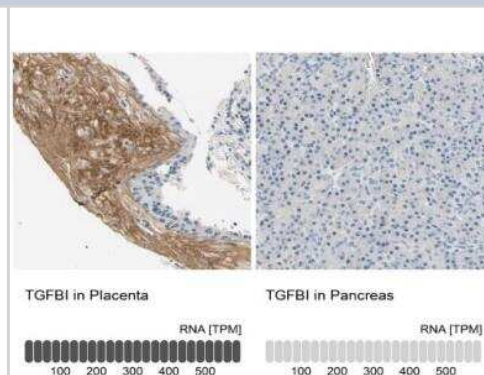
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 | 7045 |
| Gene Symbol | TGFBI |
| Species | Human |
| Reactivity Notes | Human reactivity reported in scientific literature (PMID: 25755764). |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: DHHATNGVVHLIDKVISITITNNIQQIIEIEDTFETLRAAVAASGLNTMLEGNGQYT LLAPTNEAFEKIPSETLNRILGDPEALRDLLNNHILKSAMCAEIVAGLSVETLEG TTLEVGCSDMLTINGKAIISNKD |

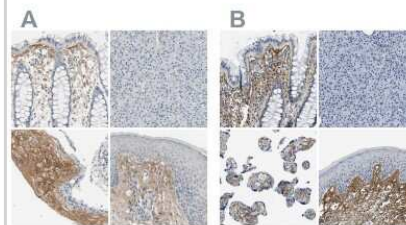
| Product Application Details | |
|-----------------------------|---|
| Applications | Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Simple Western 1:25, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10-15 uL of the recommended dilution is used per data point. |

Images

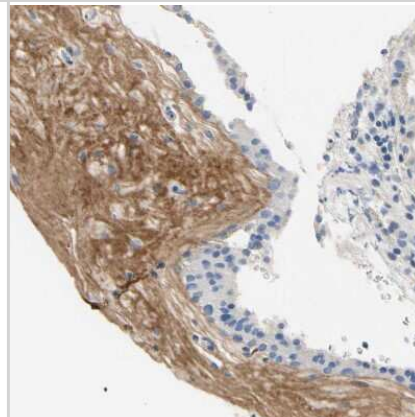
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Analysis in human placenta and pancreas tissues using NBP1-88606 antibody. Corresponding TGFBI RNA-seq data are presented for the same tissues.



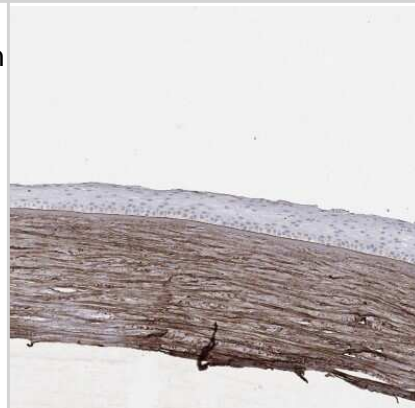
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human gastrointestinal, pancreas, placenta and skin using Anti-Beta Ig-h3/TGFBI antibody NBP1-88606 (A) shows similar protein distribution across tissues to independent antibody NBP2-48534 (B).



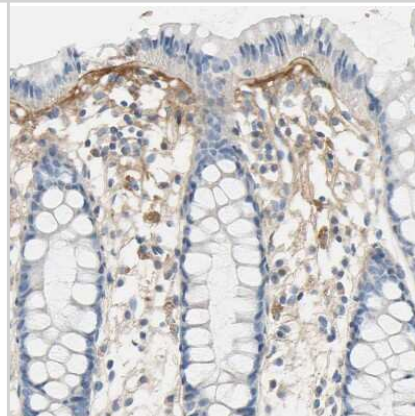
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human placenta shows moderate to strong membranous positivity in stromal cells.



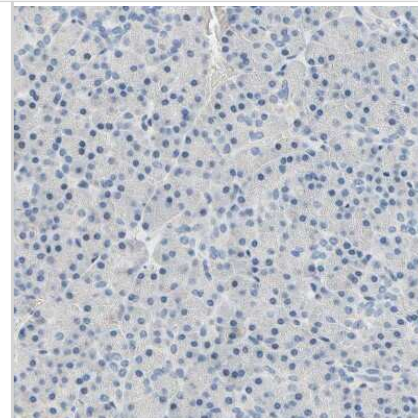
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human eye shows moderate extracellular positivity in cornea.



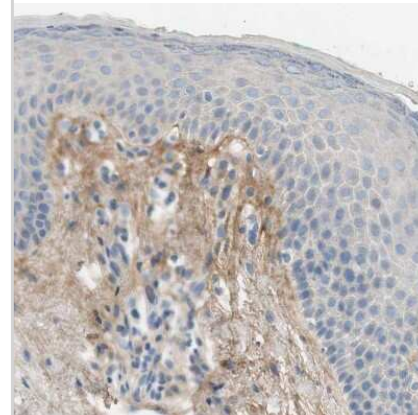
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human gastrointestinal shows moderate positivity in extracellular matrix of glandular cells.



Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



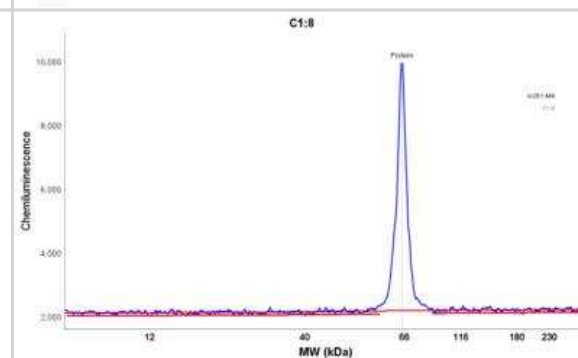
Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Staining of human skin shows moderate positivity in extracellular matrix of dermis.



Simple Western: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Simple Western lane view shows a specific band for Beta Ig-h3/TGFBI in 0.2 mg/ml of U-251 MG lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation systems.



Simple Western: Beta Ig-h3/TGFBI Antibody [NBP1-88606] - Electropherogram image of the corresponding Simple Western lane view. Beta Ig-h3/TGFBI antibody was used at 1:25 dilution on U-251 MG lysate(s) respectively.



Publications

Zhu J, Chen X, Liao Z et al. TGFBI protein high expression predicts poor prognosis in colorectal cancer patients. *Int J Clin Exp Pathol* 2015-01-01 [PMID: 25755764] (IF/IHC, Human)

Kuot A, Hewitt AW, Griggs K et al. Association of TCF4 and CLU polymorphisms with Fuchs' endothelial dystrophy and implication of CLU and TGFBI proteins in the disease process. *Eur J Hum Genet* 2012-06-01 [PMID: 22234156]

Kashyap MK, Harsha HC, Renuse S et al. SILAC-based quantitative proteomic approach to identify potential biomarkers from the esophageal squamous cell carcinoma secretome. *Cancer Biol Ther* 2010-10-01 [PMID: 20686364]





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 NBP1-88606

| | |
|---------------|---|
| NBP1-88606PEP | Beta Ig-h3/TGFBI 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-88606

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

