

Product Datasheet

KBTBD10 Antibody - BSA Free

NBP1-80786

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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NBP1-80786

KBTBD10 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

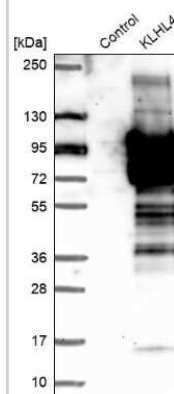
| | |
|--------------------|---|
| Host | Rabbit |
| Gene ID | 10324 |
| Gene Symbol | KBTBD10 |
| Species | Human |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: GDKSLPCHRLILSACSPYFREYFLSEIDEAKKKEVVLNDNVDPAILDLIKYLYSASIDLNDGNVQD |

Product Application Details

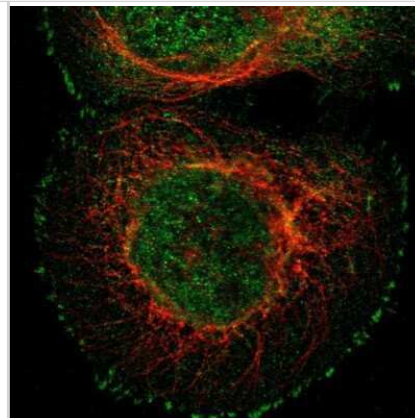
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100. |

Images

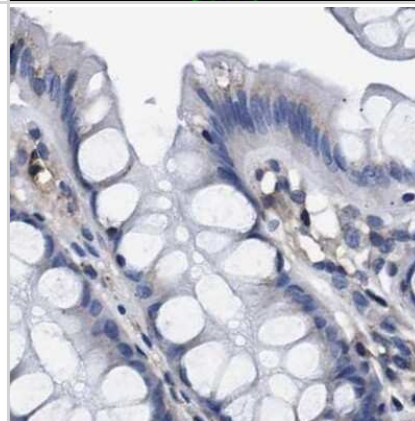
Western Blot: KBTBD10 Antibody [NBP1-80786] - Analysis in control (vector only transfected HEK293T lysate) and KLHL41 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



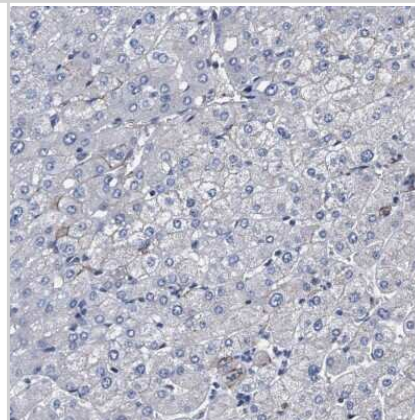
Immunocytochemistry/Immunofluorescence: KBTBD10 Antibody [NBP1-80786] - Staining of human cell line A-431 shows positivity in nucleus, plasma membrane and cytoplasm.



Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human colon.



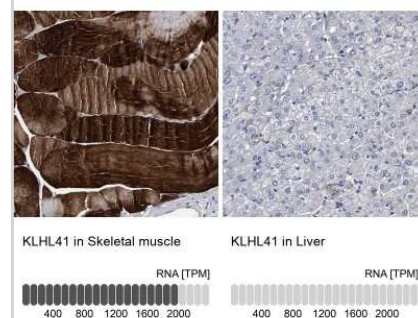
Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human liver shows low expression as expected.



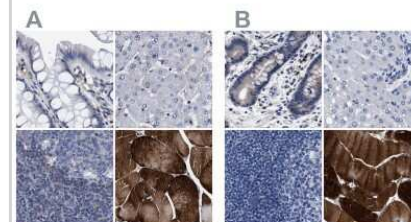
Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human skeletal muscle shows high expression.



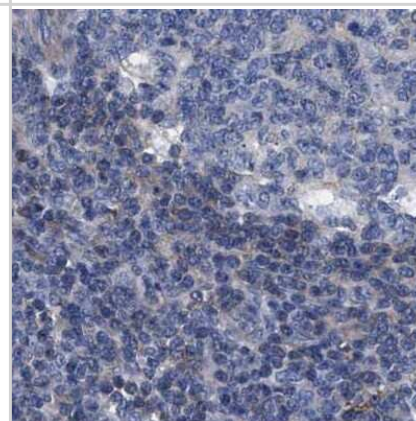
Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining in human skeletal muscle and liver tissues using anti-KLHL41 antibody. Corresponding KLHL41 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human colon, liver, lymph node and skeletal muscle using Anti-KLHL41 antibody NBP1-80786 (A) shows similar protein distribution across tissues to independent antibody NBP1-80787 (B).



Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human lymph node.



Publications

Akiba K, Hasegawa Y, Katoh-Fukui Y et al. POU1F1/Pou1f1 c.143-83A > G variant disrupts the branch site in pre-mRNA and leads dwarfism Endocrinology 2022-11-26 [PMID: 36427334] (ELISA, Mouse)

Mukhi D, Kolligundla LP, Maruvada S et al. Growth hormone induces transforming growth factor- β 1 in podocytes: Implications in podocytopathy and proteinuria Biochimica et biophysica acta. Molecular cell research 2022-11-15 [PMID: 36400249] (ELISA, Bovine)



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 NBP1-80786

| | |
|---------------|---|
| NBP1-80786PEP | KBTBD10 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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