

# 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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### Publications: 2

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**NBP1-80786**

KBTBD10 Antibody - BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

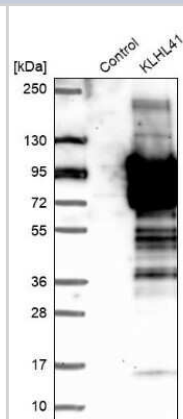
Product Description	
<b>Description</b>	Novus Biologicals Rabbit KBTBD10 Antibody - BSA Free (NBP1-80786) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-KBTBD10 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	10324
<b>Gene Symbol</b>	KBTBD10
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GDKSLPCHRLILSACSPYFREYFLSEIDEAKKKEVLDNVDPAILDLIIKYLYSASIDLNDGNVQD

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

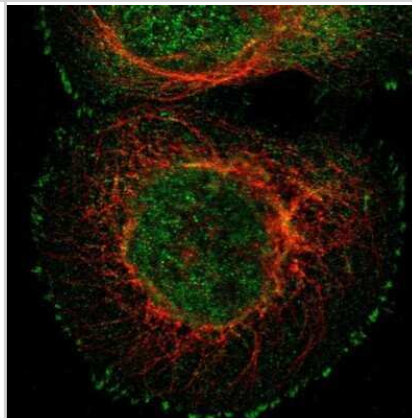


## Images

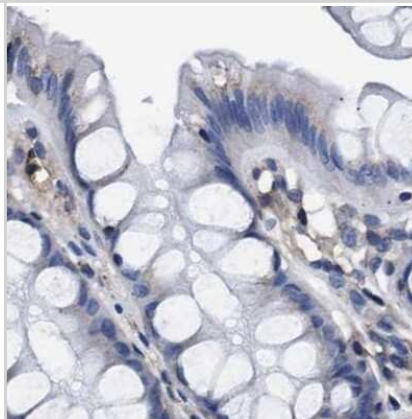
Western Blot: KBTBD10 Antibody [NBP1-80786] - Analysis in control (vector only transfected HEK293T lysate) and KLHL41 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



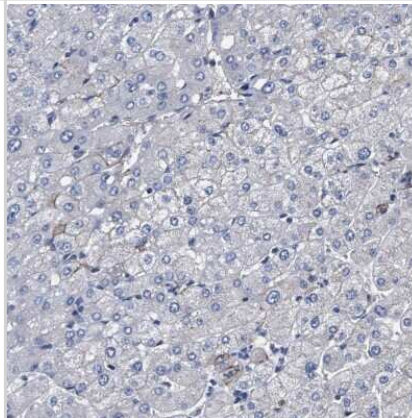
Immunocytochemistry/Immunofluorescence: KBTBD10 Antibody [NBP1-80786] - Staining of human cell line A-431 shows positivity in nucleus, plasma membrane and cytoplasm.



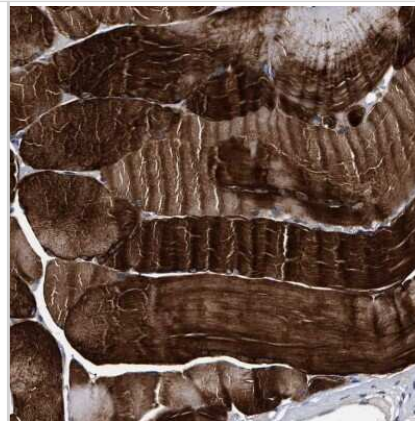
Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human colon.



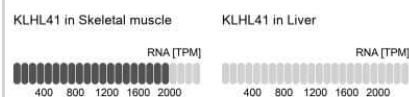
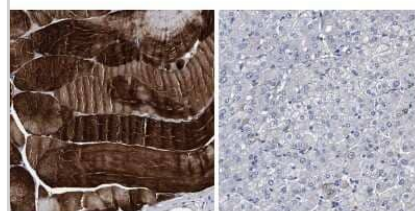
Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human liver shows low expression as expected.



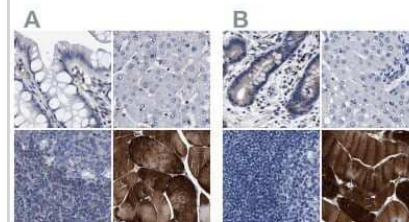
Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining of human skeletal muscle shows high expression.



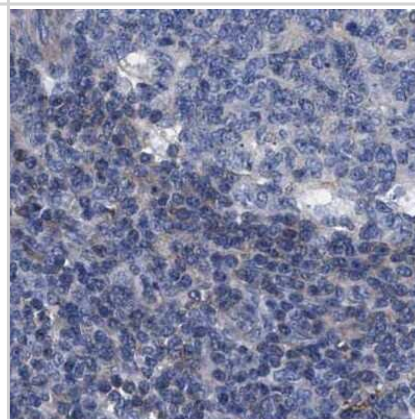
Immunohistochemistry-Paraffin: KBTBD10 Antibody [NBP1-80786] - Staining in human skeletal muscle and liver tissues using anti-KLHL41 antibody. Corresponding KLHL41 RNA-seq data are presented for the same tissues.



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- $\beta$ 1 in podocytes: Implications in podocytopathy and proteinuria *Biochimica et biophysica acta. Molecular cell research* 2022-11-15 [PMID: 36400249] (ELISA, Bovine)





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### **Products Related to NBP1-80786**

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NBP1-80786PEP	KBTBD10 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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