

# Product Datasheet

## Transketolase Antibody - BSA Free NBP1-87442

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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**NBP1-87442**

Transketolase Antibody - BSA Free

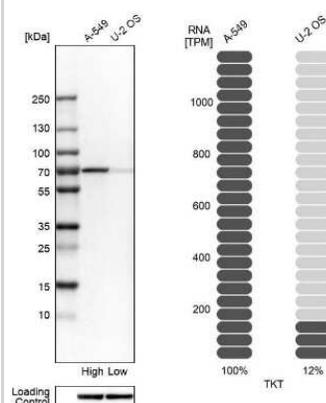
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<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 Transketolase Antibody - BSA Free (NBP1-87442) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7086
<b>Gene Symbol</b>	TKT
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: HYYEGGIGEAVSSAVVGEPIGVTHLAVNRVPRSGKPAELLKMFIDRDAIAQA VRGLITKA

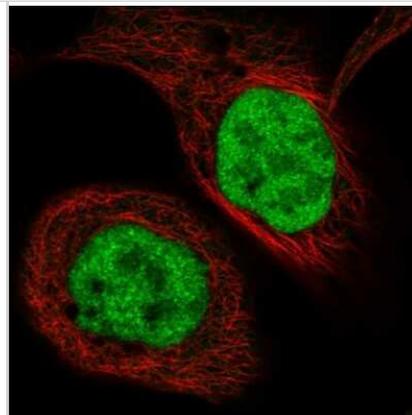
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
<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: Transketolase Antibody [NBP1-87442] - Analysis in human cell lines A-549 and U2OS using anti-TKT antibody. Corresponding TKT RNA-seq data are presented for the same cell lines. Loading control: anti-HSP90B1.



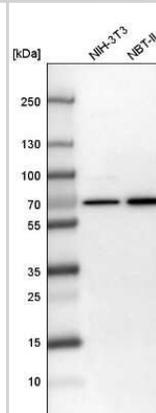
Immunocytochemistry/Immunofluorescence: Transketolase Antibody [NBP1-87442] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm.



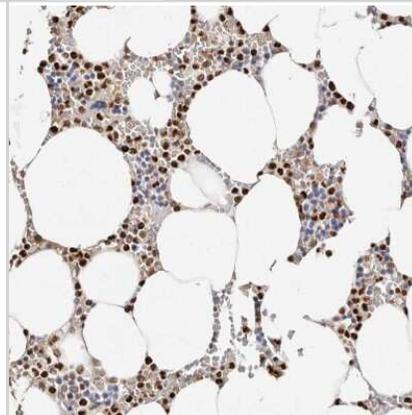
Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining of human skeletal muscle using Anti-TKT antibody NBP1-87442.



Western Blot: Transketolase Antibody [NBP1-87442] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



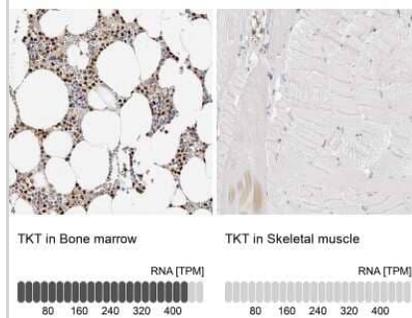
Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining of human bone marrow shows high expression.



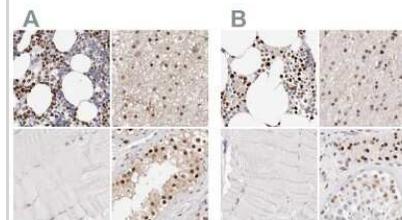
Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining of human skeletal muscle shows low expression as expected.



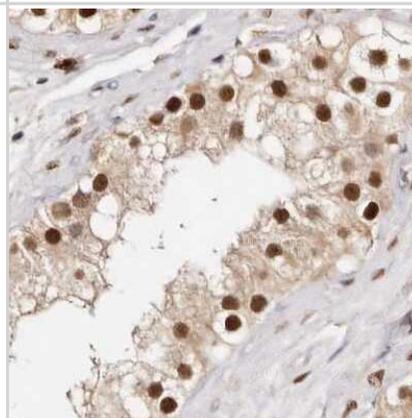
Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining in human bone marrow and skeletal muscle tissues using anti-TKT antibody. Corresponding TKT RNA-seq data are presented for the same tissues.



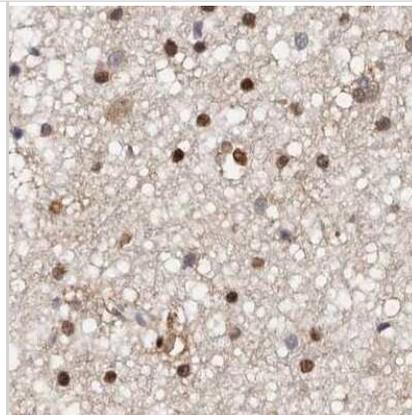
Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining of human bone marrow, cerebral cortex, skeletal muscle and testis using Anti-TKT antibody NBP1-87442 (A) shows similar protein distribution across tissues to independent antibody NBP1-87441 (B).



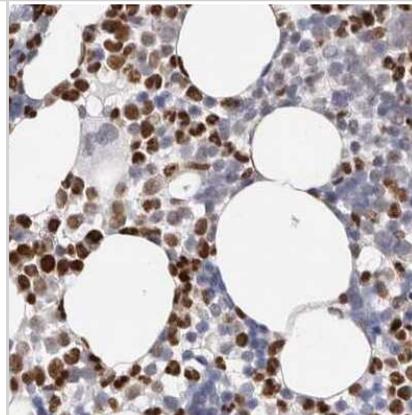
Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining of human testis.



Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining of human cerebral cortex.



Immunohistochemistry-Paraffin: Transketolase Antibody [NBP1-87442] - Staining of human bone marrow using Anti-TKT antibody NBP1-87442.





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### **Products Related to NBP1-87442**

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NBP1-87442PEP	Transketolase 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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