

Product Datasheet

UBTF Antibody - BSA Free

NBP1-82545

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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NBP1-82545

UBTF 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

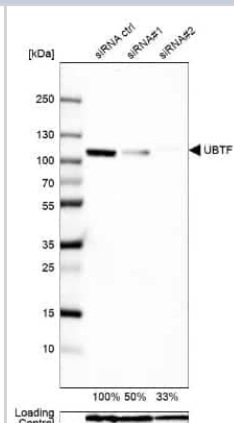
Product Description	
Description	Novus Biologicals Rabbit UBTF Antibody - BSA Free (NBP1-82545) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-UBTF Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7343
Gene Symbol	UBTF
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: WKLLSQKEKDAYHKKCDQKKKDYEVLLRFLESLPEEEQQRVLGEEKMLNINK KQATSPASKKPAQEGGKGGSEKPKRPVSAMFIFSEEKRRQLQEERPELSESEL TRLLARMWNDLSEKKK

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

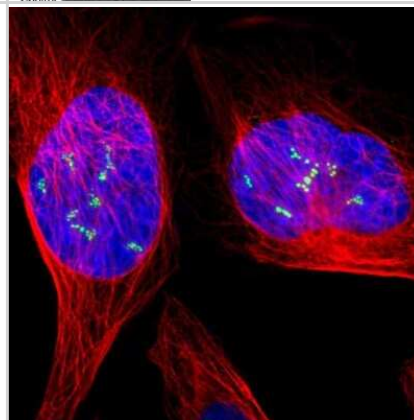


Images

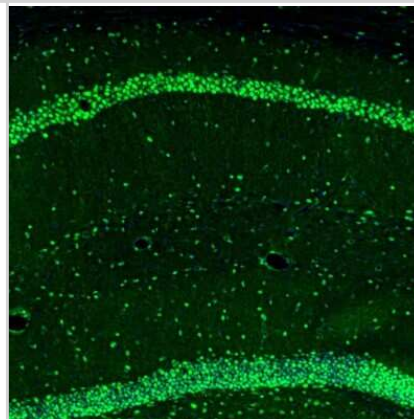
Western Blot: UBTF Antibody [NBP1-82545] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



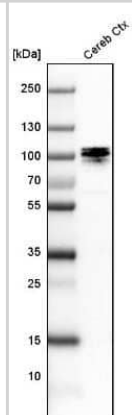
Immunocytochemistry/Immunofluorescence: UBTF Antibody [NBP1-82545] - Staining of human cell line U-2 OS shows localization to nucleoli fibrillar center. Antibody staining is shown in green.



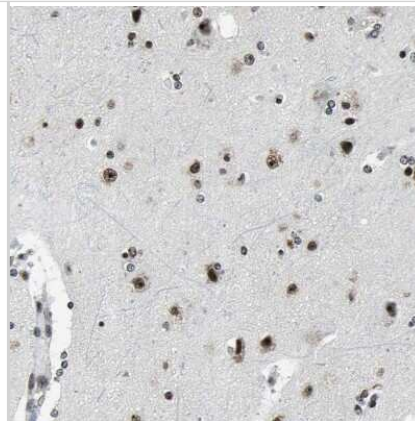
Immunohistochemistry: UBTF Antibody [NBP1-82545] - Staining of mouse brain shows strong positivity in neurons in the CA1 and granular cell layers in the hippocampus.



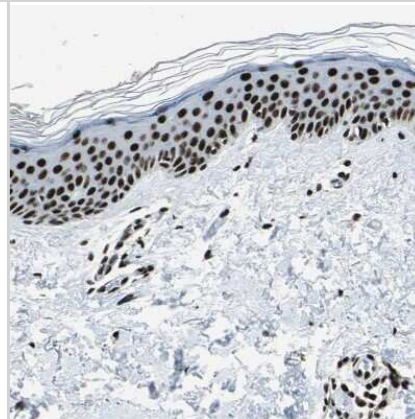
Western Blot: UBTF Antibody [NBP1-82545] - Analysis in mouse cerebral cortex tissue.



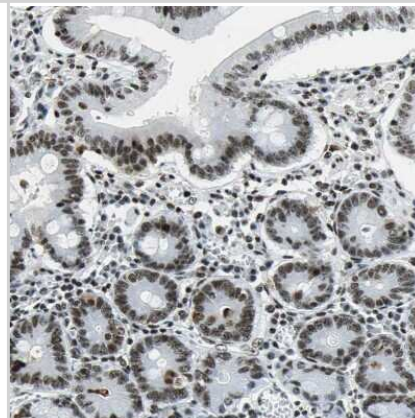
Immunohistochemistry-Paraffin: UBTF Antibody [NBP1-82545] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



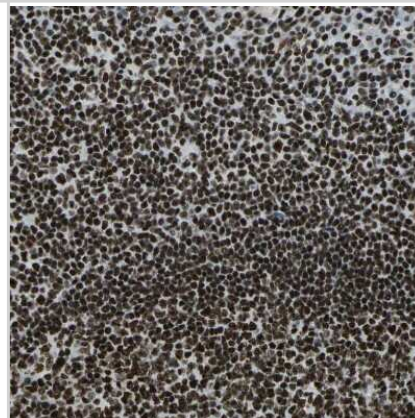
Immunohistochemistry-Paraffin: UBTF Antibody [NBP1-82545] - Staining of human skin shows strong nuclear positivity in squamous epithelial cells.



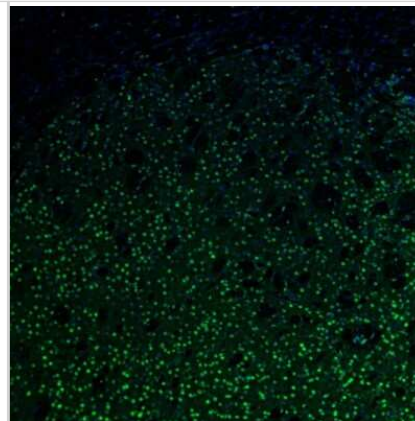
Immunohistochemistry-Paraffin: UBTF Antibody [NBP1-82545] - Staining of human small intestine shows moderate nuclear positivity in glandular cells.



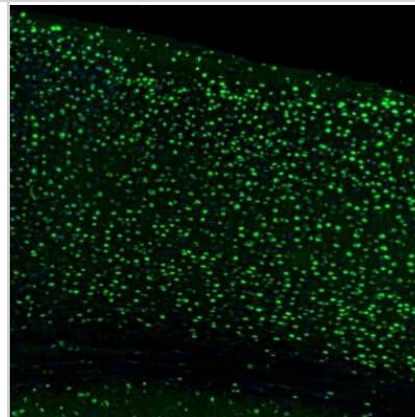
Immunohistochemistry-Paraffin: UBTF Antibody [NBP1-82545] - Staining of human tonsil shows strong nuclear positivity in non-germinal center cells.



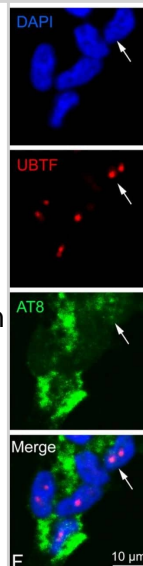
Immunohistochemistry: UBTF Antibody [NBP1-82545] - Staining of mouse basal forebrain shows moderate nuclear positivity in neurons in the caudate putamen.



Immunohistochemistry: UBTF Antibody [NBP1-82545] - Staining of mouse brain shows strong nuclear positivity in neurons in the cerebral cortex.



Dual color immunolocalization of tau epitopes in SH-SY5Y cells. (A–C) Replicative SH-SY5Y cells with the visualization of Tau-1, Tau-5, and AT8 epitopes, respectively. (D–F) Differentiated SH-SY5Y cells with the visualization of Tau-1, Tau-5, and AT8 epitopes, respectively. Tau-1, Tau-5, and AT8 were revealed by FITC-conjugated antibodies (green signals). Ki-67 (replication marker) and UBTF (nucleolar marker) were detected by TRITC-conjugated antibodies (red signals). DAPI (blue signals) was used to stain cell nuclei. White arrow in (E) indicates a cell nucleus with the presence of the Ki-67 marker. White arrow in (F) indicates the co-localization of AT8 and UBTF in a nucleus. Magnification is the same for all the images, with a unique scale bar shown in (F): 10 μ m. The images were captured by confocal laser scanning microscope at 630 \times magnification. Software to analyze signal co-localization was ZEN-2010 (see Section 4). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/37762676>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Potapova T, Kostos P, McKinney S et al. Chromosome-specific epigenetic control and transmission of ribosomal DNA arrays in Hominidae genomes. *Cell genomics* 2025-10-02 [PMID: 41043432]

Sturiale V, Bruno F, Brancato D et al. Cell Cycle Reactivation, at the Start of Neurodegeneration, Induced by Forskolin and Aniline in Differentiated Neuroblastoma Cells *Int J Mol Sci* 2023-09-21 [PMID: 37762676]

Lee B, Jaber-Lashkari N, Calo E. A unified view of low complexity regions (LCRs) across species *eLife* 2022-09-13 [PMID: 36098382]

Jaber-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]

Yang XM, Wang XQ, Hu LP et al. Nucleolar HEATR1 upregulated by mTORC1 signaling promotes hepatocellular carcinoma growth by dominating ribosome biogenesis and proteome homeostasis *Gastroenterology* 2023-05-27 [PMID: 37247644]

Venegas AB, Natsume T, Kanemaki M, Hickson ID Inducible Degradation of the Human SMC5/6 Complex Reveals an Essential Role Only during Interphase *Cell Rep* 2020-04-21 [PMID: 32320646]

Felipe-Abrio B, Verdugo-Sivianes EM, Saez C, Carnero A. Loss of MYBBP1A Induces Cancer Stem Cell Activity in Renal Cancer *Cancers (Basel)* 2019-02-18 [PMID: 30781655] (Mouse)

Sobol M, Yildirim S, Philimonenko VV et al. UBF complexes with phosphatidylinositol 4,5-bisphosphate in nucleolar organizer regions regardless of ongoing RNA polymerase I activity. *Nucleus* 2013-11-01 [PMID: 24513678]





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NBP1-82545PEP	UBTF 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

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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