

# Product Datasheet

## ZBTB46 Antibody - BSA Free

### NBP1-88506

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: 1

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Updated 2/21/2025 v.20.1

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**NBP1-88506**

ZBTB46 Antibody - BSA Free

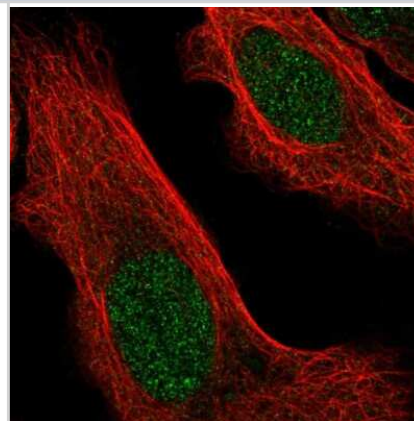
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	140685
Gene Symbol	ZBTB46
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QACHDFIKAALDISIKSDASDELAEFEIGASSSSSTEALISAVMAGRSISPWLARR TSPANSSGDSAIASCHDGGSSYGKEDQEPKADGPDDVSSQPLWPGDVGYP LRIKEEQVSPSQYGGSELPSAKDGAVQ

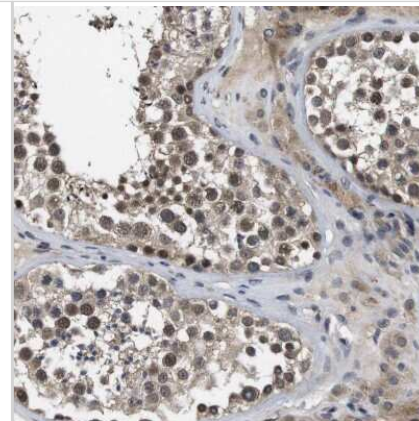
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 29884909), Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

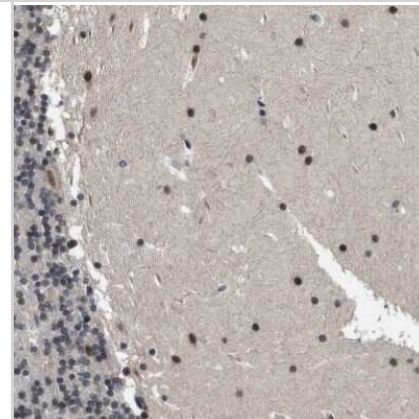
Immunocytochemistry/Immunofluorescence: ZBTB46 Antibody [NBP1-88506] - Staining of human cell line U-2 OS shows localization to nucleus. Antibody staining is shown in green.



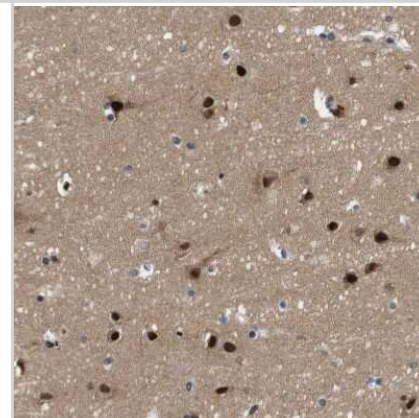
Immunohistochemistry-Paraffin: ZBTB46 Antibody [NBP1-88506] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



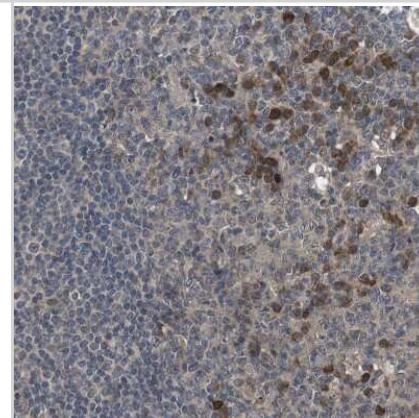
Immunohistochemistry-Paraffin: ZBTB46 Antibody [NBP1-88506] - Staining of human cerebellum shows strong nuclear positivity in cells in molecular layer.



Immunohistochemistry-Paraffin: ZBTB46 Antibody [NBP1-88506] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: ZBTB46 Antibody [NBP1-88506] - Staining of human lymphoid tissues shows strong nuclear and cytoplasmic positivity in germinal center cells.



## Publications

Wang Y, Sun HY, Kumar S et al. ZBTB46 is a shear-sensitive transcription factor inhibiting endothelial cell proliferation via gene expression regulation of cell cycle proteins Lab. Invest. 2018-06-08 [PMID: 29884909] (WB, Human)



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### **Products Related to NBP1-88506**

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NBP1-88506PEP	ZBTB46 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

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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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