

# Product Datasheet

## TFEB Antibody (CL14112) - Azide and BSA Free NBP3-44287

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-44287**

TFEB Antibody (CL14112) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL14112
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

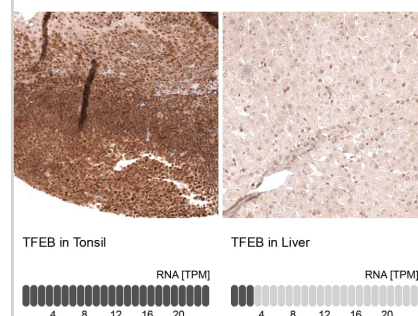
<b>Host</b>	Mouse
<b>Gene ID</b>	7942
<b>Gene Symbol</b>	TFEB
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a synthetic peptide of P19484, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

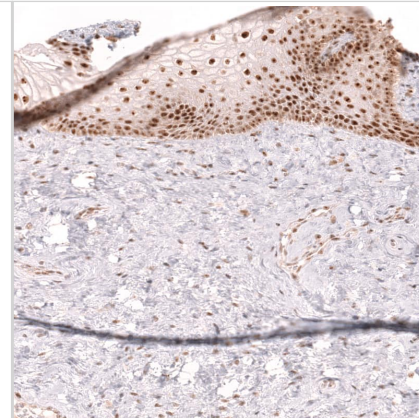
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

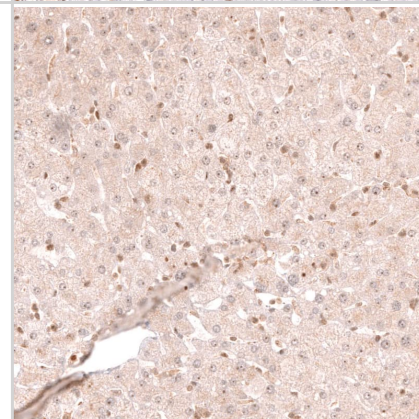
Analysis in human tonsil and liver tissues using NBP3-44287 antibody. Corresponding TFEB RNA-seq data are presented for the same tissues.



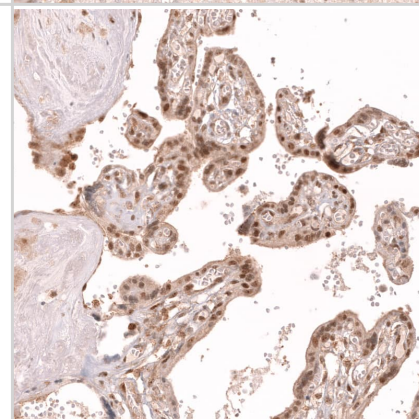
Staining of human cervix shows strong nuclear positivity in squamous epithelial cells.



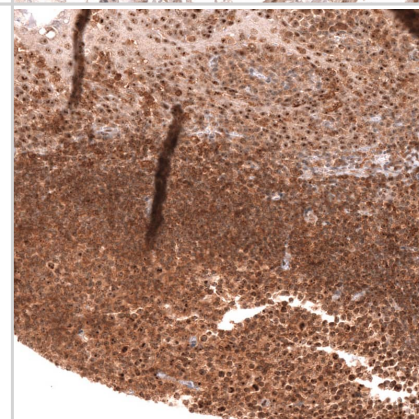
Staining of human liver shows very weak positivity in hepatocytes.



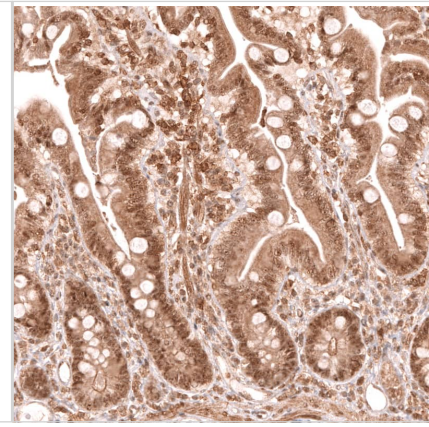
Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Staining of human tonsil shows strong nuclear and cytoplasmic positivity in non-germinal center cells.



Staining of human small intestine shows strong nuclear positivity in glandular cells.





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### **Products Related to NBP3-44287**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBL1-16838	TFEB Overexpression Lysate

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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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