

# Product Datasheet

## ATF3 Antibody (CL1685) - Azide and BSA Free NBP3-43991

Unit Size: 100 ug

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

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**NBP3-43991**

ATF3 Antibody (CL1685) - Azide and BSA Free

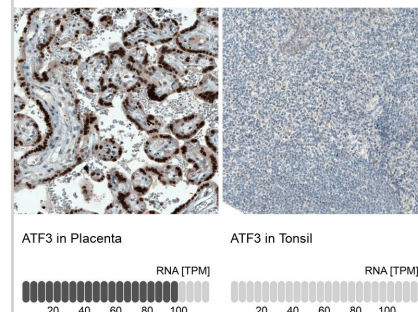
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1685
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	467
Gene Symbol	ATF3
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P18847, with the exact immunogen sequence remaining proprietary.

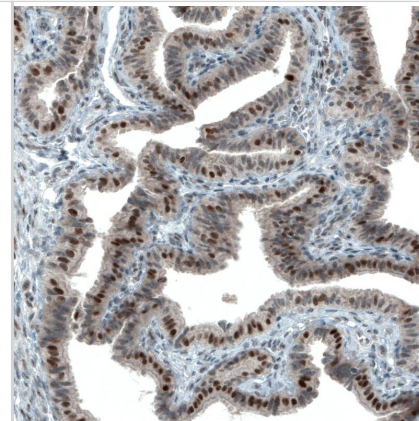
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation/Permeabilization: PFA/Triton X-100.

**Images**

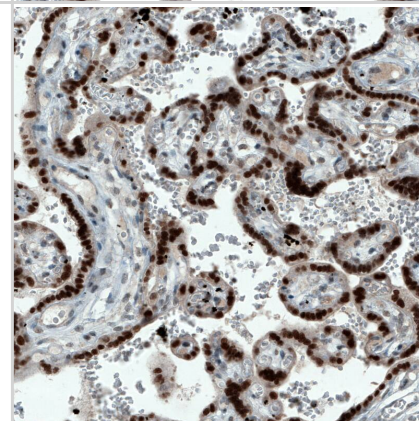
Analysis in human placenta and tonsil tissues using NBP3-43991 antibody. Corresponding ATF3 RNA-seq data are presented for the same tissues.



Staining of human fallopian tube shows moderate to strong nuclear positivity in glandular cells.



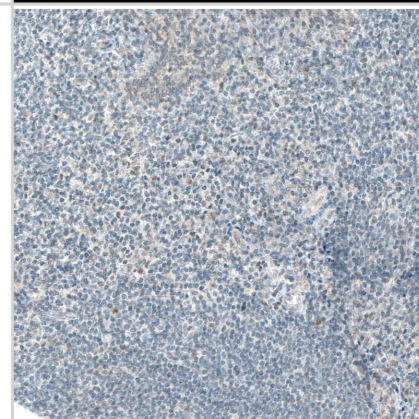
Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



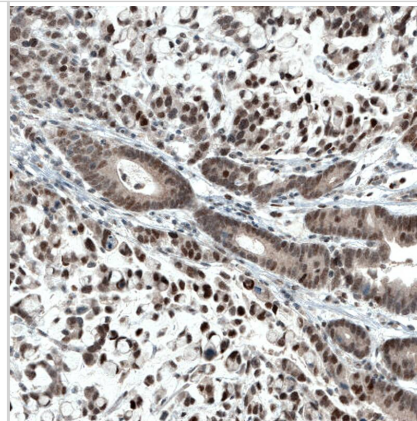
Staining of RH-30 cells using the Anti-ATF3 monoclonal antibody).



Staining of human tonsil shows no positivity in lymphoid cells as expected.



Staining of human stomach cancer shows moderate to strong nuclear positivity in tumor cells.





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### **Products Related to NBP3-43991**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-02935PEP	ATF3 Antibody Blocking Peptide

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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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