

# Product Datasheet

## ATF6 beta Antibody NBP1-91687

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: 2

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**NBP1-91687****ATF6 beta Antibody**

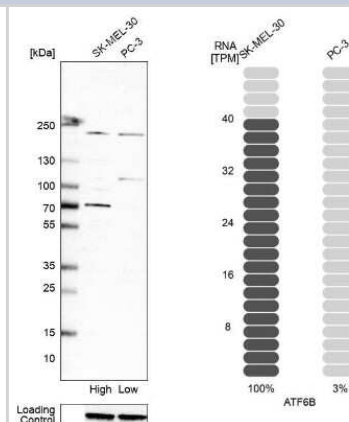
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	1388
Gene Symbol	ATF6B
Species	Human, Mouse
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (86%). Reactivity indentified in Mouse in PMID (29186574)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KPVVLTTPMPSRAVPPSTTVLLQSLVQPPPVSPPVLIQGAIRVQPEGPAPSLP RPERKSIVPAPMPGNPCPPEVDAKLLKRQQR

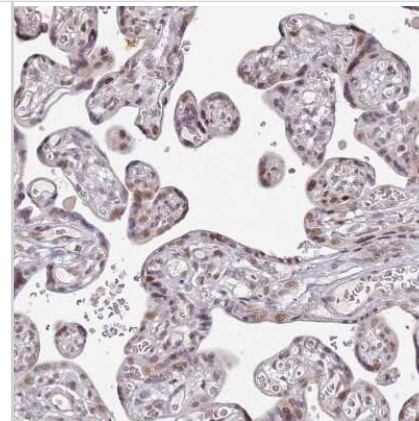
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

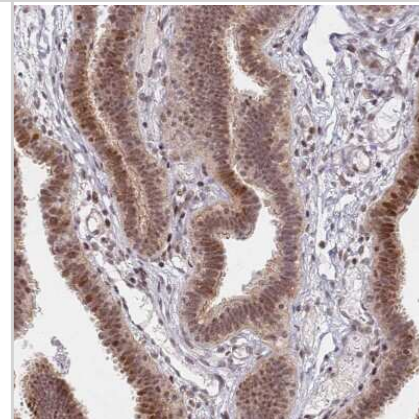
Western Blot: ATF6 beta Antibody [NBP1-91687] - Analysis in human cell line SK-MEL-30 and human cell line PC-3.



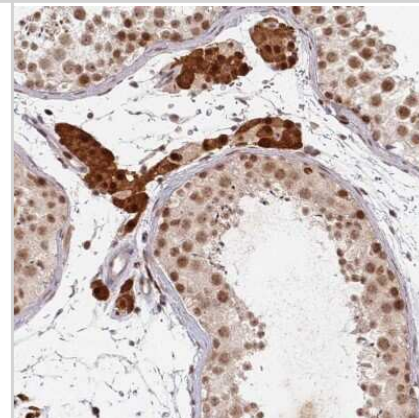
Immunohistochemistry-Paraffin: ATF6 beta Antibody [NBP1-91687] - Staining of human placenta shows moderate nuclear positivity in trophoblastic cells.



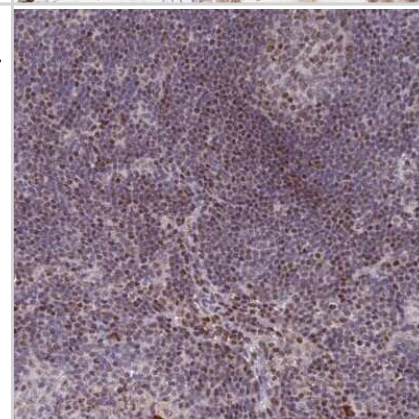
Immunohistochemistry-Paraffin: ATF6 beta Antibody [NBP1-91687] - Staining of human Fallopian tube shows moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: ATF6 beta Antibody [NBP1-91687] - Staining of human testis shows strong nuclear and cytoplasmic positivity in Leydig cells.



Immunohistochemistry-Paraffin: ATF6 beta Antibody [NBP1-91687] - Staining of human lymph node shows moderate nuclear positivity in non-germinal center cells.



## Publications

Wadgaonkar P, Bi Z, Wan J et al. Arsenic Activates the ER Stress-Associated Unfolded Protein Response via the Activating Transcription Factor 6 in Human Bronchial Epithelial Cells Biomedicines 2022-04-22 [PMID: 35625704] (IHC-P, Human)

Pappas SS, Liang CC, Kim S et al. TorsinA dysfunction causes persistent neuronal nuclear pore defects. Hum. Mol. Genet. 2018-02-01 [PMID: 29186574] (IF/IHC, Mouse)



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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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