

# Product Datasheet

## ATF1 Antibody - BSA Free NBP2-38747

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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**NBP2-38747**

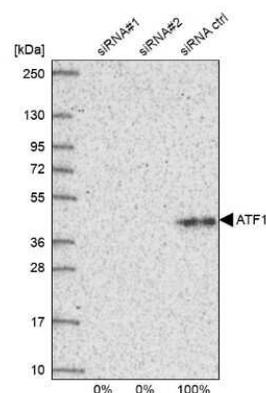
ATF1 Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit ATF1 Antibody - BSA Free (NBP2-38747) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	466
<b>Gene Symbol</b>	ATF1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%), Rat (86%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: MEDSHKSTTSETAPQPGSAVQGAHISHIAQQVSSLSESEESQDSSDSIGSSQK AHGILARRPSY
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

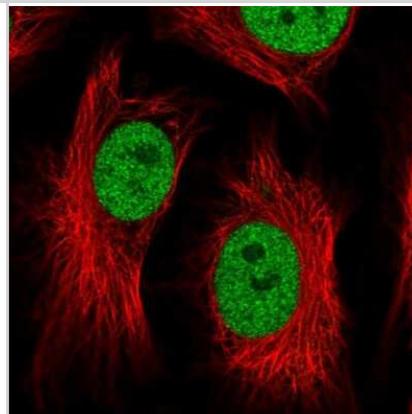


## Images

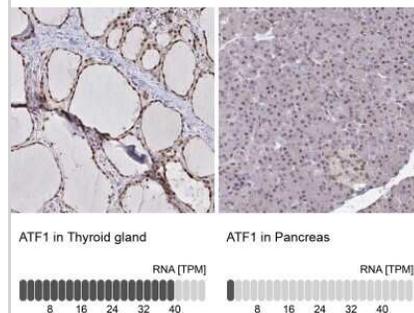
Western Blot: ATF1 Antibody [NBP2-38747] - Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using anti-ATF1 antibody. Remaining relative intensity is presented.



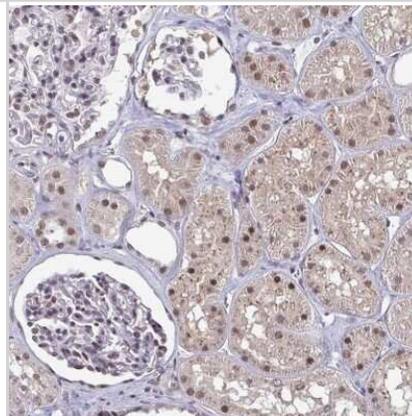
Immunocytochemistry/Immunofluorescence: ATF1 Antibody [NBP2-38747] - Immunofluorescent staining of human cell line HeLa shows localization to nucleoplasm.



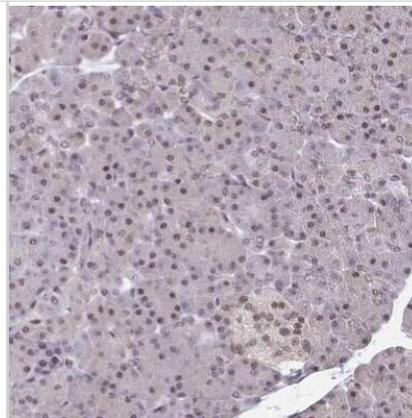
Immunohistochemistry-Paraffin: ATF1 Antibody [NBP2-38747] - Staining in human thyroid gland and pancreas tissues using anti-ATF1 antibody. Corresponding ATF1 RNA-seq data are presented for the same tissues.



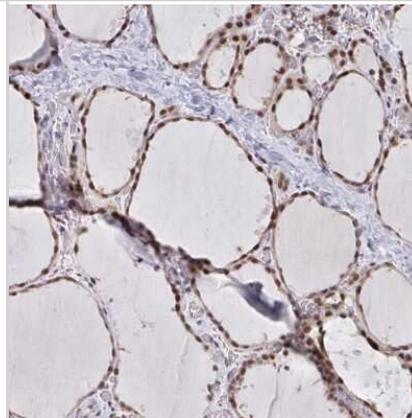
Immunohistochemistry: ATF1 Antibody [NBP2-38747] - Staining of human kidney shows moderate nuclear positivity in renal tubules and cells in glomeruli.



Immunohistochemistry-Paraffin: ATF1 Antibody [NBP2-38747] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: ATF1 Antibody [NBP2-38747] - Staining of human thyroid gland shows high expression.





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### **Products Related to NBP2-38747**

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NBP2-38747PEP	ATF1 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

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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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