

# Product Datasheet

## ACF1 Antibody - BSA Free NBP1-90270

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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**NBP1-90270**

ACF1 Antibody - BSA Free

**Product Information**

<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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

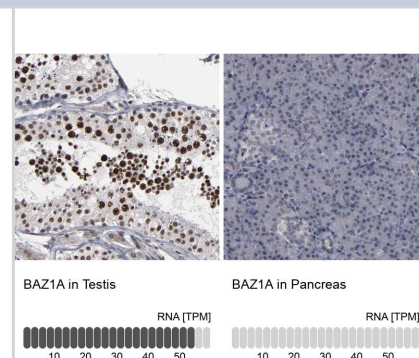
<b>Description</b>	Novus Biologicals Rabbit ACF1 Antibody - BSA Free (NBP1-90270) is a polyclonal antibody validated for use in IHC. Anti-ACF1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	11177
<b>Gene Symbol</b>	BAZ1A
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%), Rat (83%). Reactivity reported in scientific literature (PMID: 24244200)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RGHRESALKETLLQEKSRIQAQLARFSEEKHFHSDKPQPDSPKPTYSRGRSSNA YDPSQMCAEKQLELRLRDFLDIEDRIYQGTGAIKVTDRHIWRSALSGRYELL SEENKENGIIKTVNEDVEEMEIDEQTK

**Product Application Details**

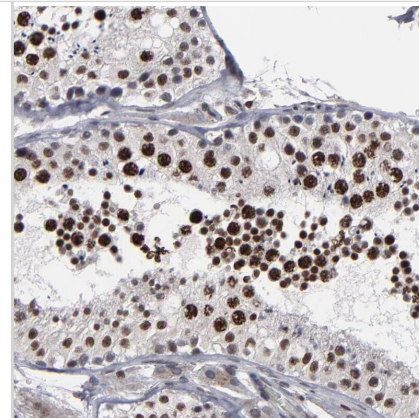
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

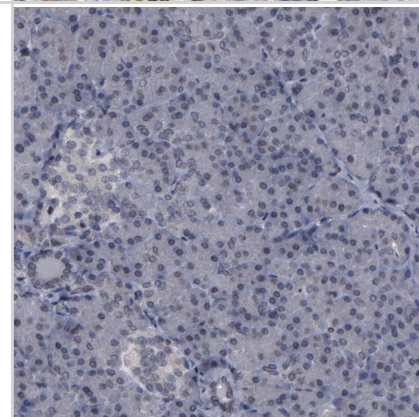
Analysis in human testis and pancreas tissues using NBP1-90270 antibody. Corresponding BAZ1A RNA-seq data are presented for the same tissues.



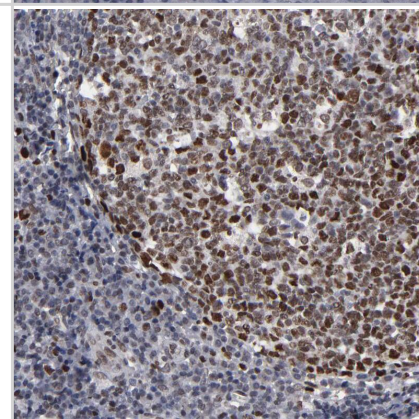
Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



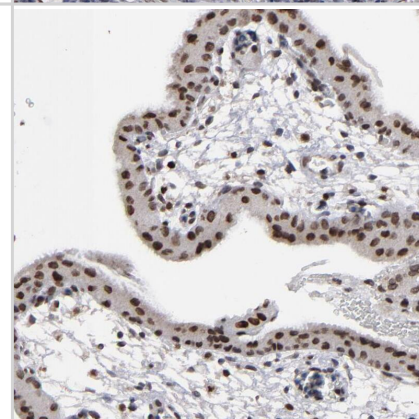
Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Staining of human tonsil shows strong nuclear positivity in germinal center cells.



Staining of human placenta shows strong nuclear positivity in syncytiotrophoblast.



## Publications

Dowdle JA, Mehta M, Kass EM et al. Mouse BAZ1A (ACF1) Is Dispensable for Double-Strand Break Repair but Is Essential for Averting Improper Gene Expression during Spermatogenesis. PLoS Genet 2013-11-01 [PMID: 24244200]



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### **Products Related to NBP1-90270**

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NBP1-90270PEP	ACF1 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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