

# Product Datasheet

## TFAP4 Antibody - BSA Free NBP1-89060

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP1-89060**

TFAP4 Antibody - BSA Free

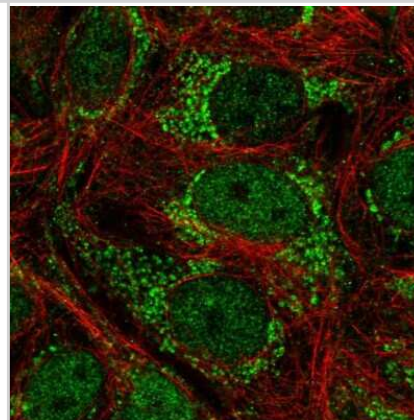
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit TFAP4 Antibody - BSA Free (NBP1-89060) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-TFAP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7023
Gene Symbol	TFAP4
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YFMVPTQKVPSLQHFQRKTEKEVIGGLCSLANIPLTPETQRDQERRIRREIANSNERRRMQSINAGFQSLKTLIPHTDGEKLSKAAILQQTAEYIFSLEQEKTRLLQQNTQLKRFIQELSGSSPKRRRAEDKDEGIGSPDIWEDEK

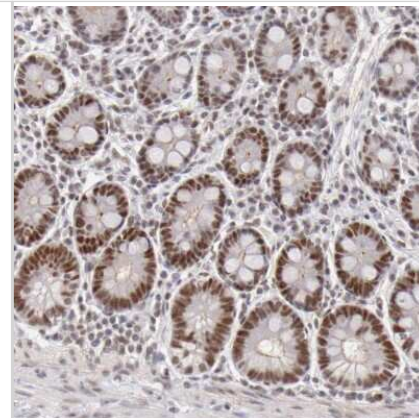
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

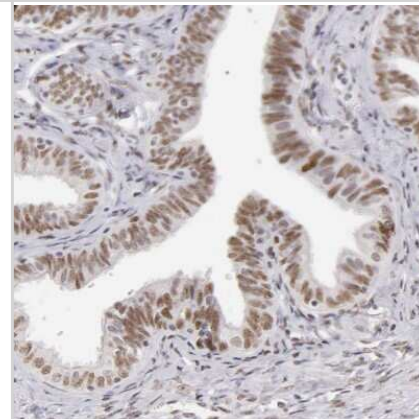
Immunocytochemistry/Immunofluorescence: TFAP4 Antibody [NBP1-89060] - Staining of human cell line MCF7 shows localization to nucleoplasm & mitochondria. Antibody staining is shown in green.



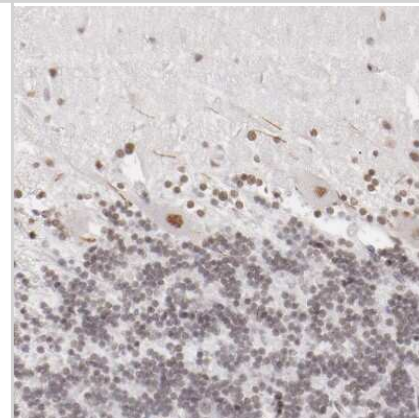
Immunohistochemistry-Paraffin: TFAP4 Antibody [NBP1-89060] - Staining of human duodenum shows moderate nuclear positivity in glandular cells.



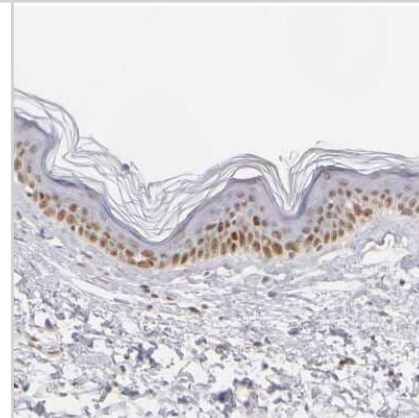
Immunohistochemistry-Paraffin: TFAP4 Antibody [NBP1-89060] - Staining of human Fallopian tube shows moderate nuclear positivity in glandular cells.



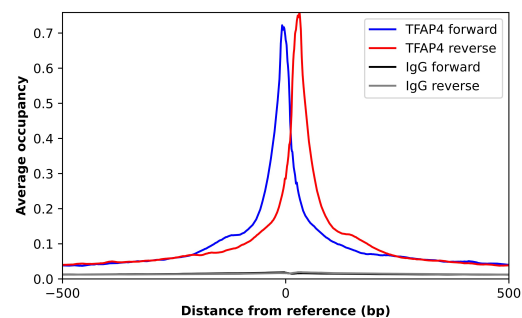
Immunohistochemistry-Paraffin: TFAP4 Antibody [NBP1-89060] - Staining of human cerebellum shows moderate nuclear positivity in Purkinje cells.



Immunohistochemistry-Paraffin: TFAP4 Antibody [NBP1-89060] - Staining of human skin shows weak nuclear positivity in squamous epithelial cells.



ChIP-Exo-Seq composite graph for Anti-TFAP4 tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



## Publications

Jackstadt R, Roh S, Neumann J et al. AP4 is a mediator of epithelial-mesenchymal transition and metastasis in colorectal cancer. *J Exp Med* 2013-07-01 [PMID: 23752226]



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### **Products Related to NBP1-89060**

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NBP1-89060PEP	TFAP4 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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