

# Product Datasheet

## TCF4 Antibody - BSA Free NBP1-88633

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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**NBP1-88633**

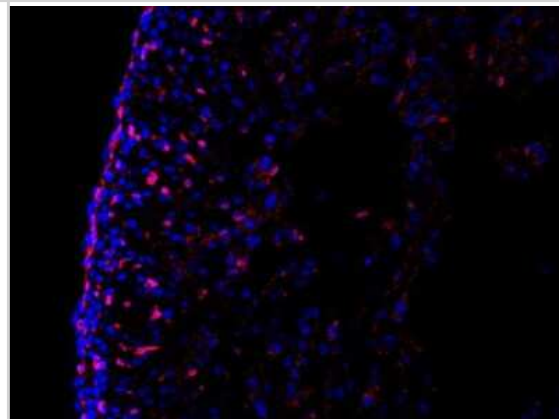
TCF4 Antibody - BSA Free

<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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6925
<b>Gene Symbol</b>	TCF4
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported from a verified customer review.
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: HGIIGPSHNGAMGGLGSGYGTGLLSANRHSLMVGTHREDGVALRGSHELLPN QVPVQLPVQSATSPDLNPPQDPYRGMPPGLQGQSVSSGSSEIKSDDEGDEN LQD
<b>Product Application Details</b>	
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Knockdown Validated, Single Cell Western
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 31091443), Immunohistochemistry-Paraffin 1:50 - 1:200, Immunohistochemistry-Frozen Validated from a verified customer review., Single Cell Western Reported in scientific literature (PMID: 31091443), Knockdown Validated Reported in scientific literature (PMID: 31091443)
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

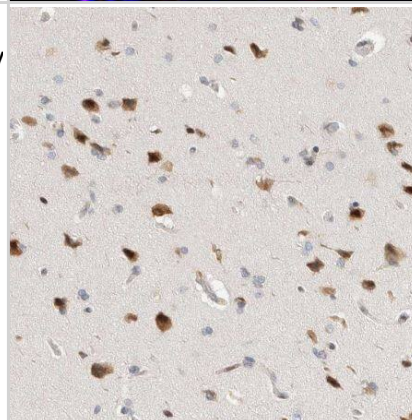


## Images

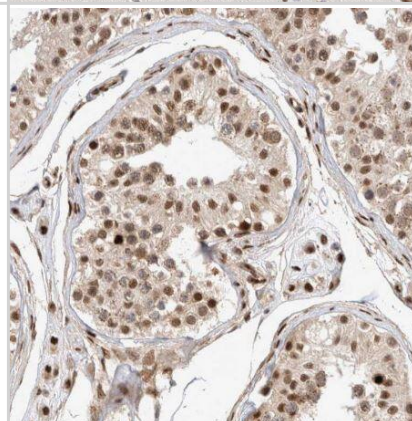
Immunohistochemistry-Frozen: TCF4 Antibody [NBP1-88633] - Frozen mouse heart sections. Image submitted by a verified customer review.



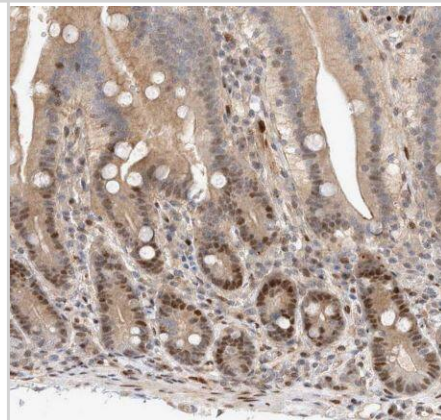
Immunohistochemistry-Paraffin: TCF4 Antibody [NBP1-88633] -Staining of human cerebral cortex shows strong nuclear and cytoplasmic positivity in neurons.



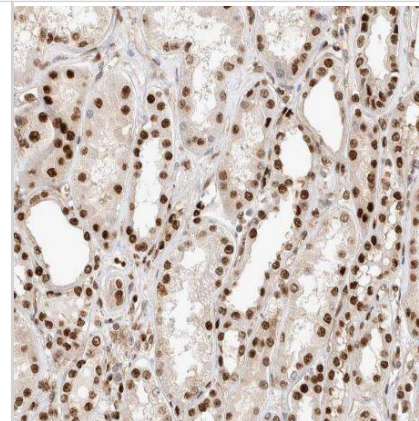
Immunohistochemistry-Paraffin: TCF4 Antibody [NBP1-88633] -Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: TCF4 Antibody [NBP1-88633] -Staining of human duodenum shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: TCF4 Antibody [NBP1-88633] - Staining of human kidney shows strong nuclear positivity in cells in tubules.



## Publications

Kuo T, Damle M, Gonzalez BJ et al. Mesenchymal Stromal Cells Are Required for Regeneration and Homeostatic Maintenance of Skeletal Muscle Cell Rep 2019-05-14 [PMID: 31091443] (Single Cell Western, KD, ICC/IF, Mouse)

Tauil LH, Mader AMA, Tauil TH, Pires A. Immunohistochemistry expression of TCF4 protein on carcinoma, adenoma and non neoplastic colorectal mucosa. Journal of Coloproctology 2014-02-04 (IHC-P, Human)

Saegusa M, Hashimura M, Kuwata T et al. Sox4 functions as a positive regulator of Beta -catenin signaling through upregulation of TCF4 during morular differentiation of endometrial carcinomas. Lab Invest 2012-04-01 [PMID: 22231735]



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### **Products Related to NBP1-88633**

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NBP1-88633PEP	TCF4 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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