

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

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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

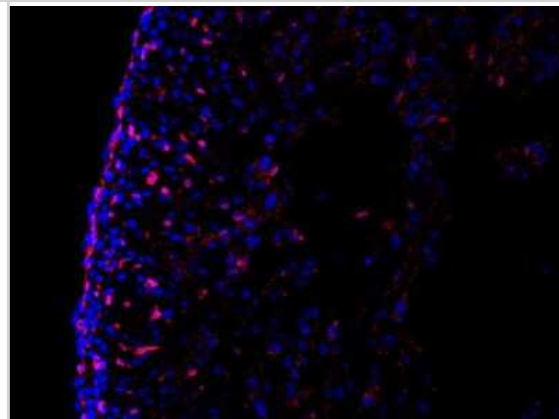
Product Description	
Host	Rabbit
Gene ID	6925
Gene Symbol	TCF4
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported from a verified customer review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: HGIIGPSHNGAMGGLGSGYGTGLLSANRHSLMVGTHREDGVALRGSHSLLPN QVPVQLPVQSATSPDLNPPQDPYRGMPPGLQGQSVSSGSSEIKSDDEGDEN LQD

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Chromatin Immunoprecipitation-exo-Seq, Knockdown Validated, Single Cell Western
Recommended Dilutions	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), Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

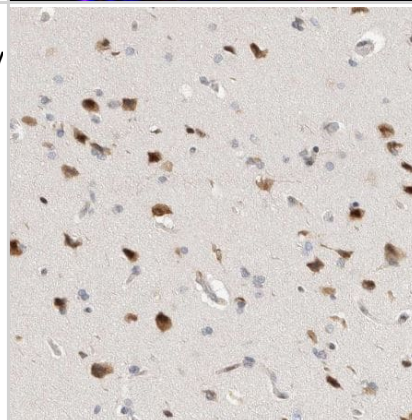


Images

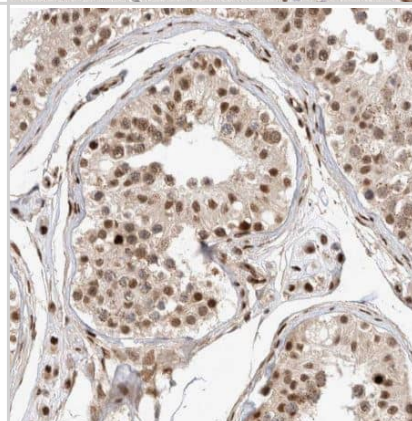
Immunohistochemistry-Frozen: TCF4 Antibody [NBP1-88633] - Frozen mouse heart sections. Image submitted by a verified customer review.



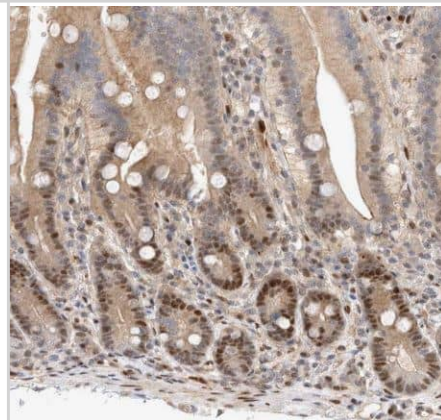
Immunohistochemistry-Paraffin: TCF4 Antibody [NBP1-88633] -Staining of human cerebral cortex shows strong nuclear and cytoplasmic positivity in neurons.



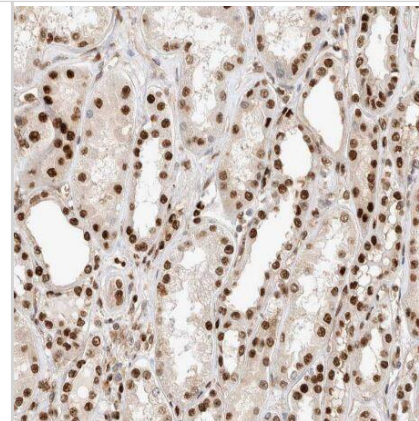
Immunohistochemistry-Paraffin: TCF4 Antibody [NBP1-88633] -Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



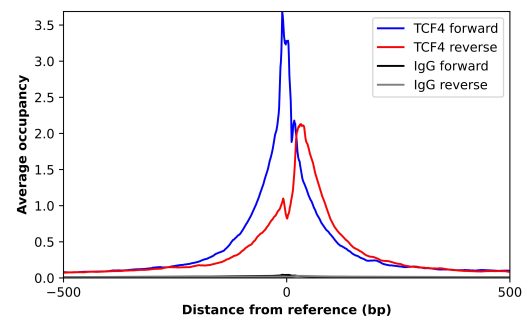
Immunohistochemistry-Paraffin: TCF4 Antibody [NBP1-88633] -Staining of human duodenum shows strong nuclear positivity in glandular cells.



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



ChIP-Exo-Seq composite graph for Anti-TCF4 (NBP1-88633) 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

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

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

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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