

# Product Datasheet

## ZSCAN21/ZFP38 Antibody - BSA Free NBP1-84182

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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**NBP1-84182**

ZSCAN21/ZFP38 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

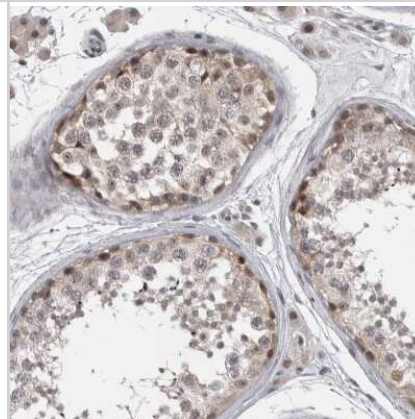
Product Description	
Description	Novus Biologicals Rabbit ZSCAN21/ZFP38 Antibody - BSA Free (NBP1-84182) is a polyclonal antibody validated for use in IHC and Simple Western. Anti-ZSCAN21/ZFP38 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7589
Gene Symbol	ZSCAN21
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PLQEAGSKKGRESVPTKPTPGERRYICAECGKAFSNESSNLTKHRRRTHTGEKPY VCTKCGKAFSHSSNLTLYRTHLVDRPYDCKCGKAFGQSSDLLKHQRMHTEE APYQCKDCGKAFSGKGLIRHYRIHTGEKPYQCNECGKSFSQHA

Product Application Details	
Applications	Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Simple Western 1:30, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50-1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: antibody dilution of 1:30

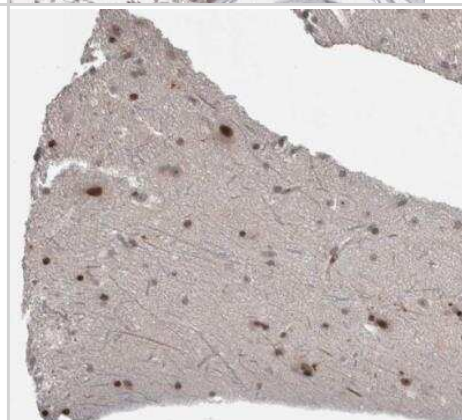


## Images

Immunohistochemistry-Paraffin: ZSCAN21/ZFP38 Antibody [NBP1-84182] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



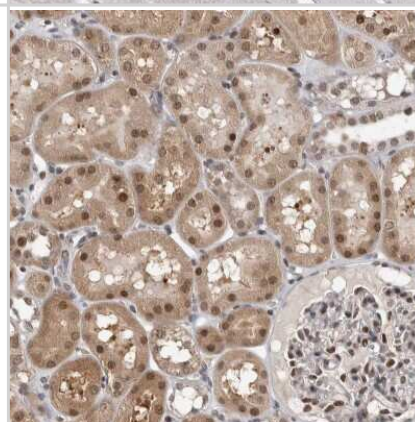
Immunohistochemistry-Paraffin: ZSCAN21/ZFP38 Antibody [NBP1-84182] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



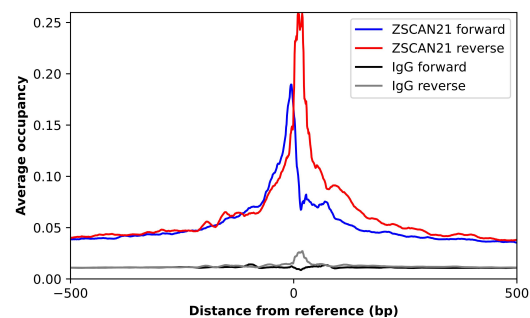
Immunohistochemistry-Paraffin: ZSCAN21/ZFP38 Antibody [NBP1-84182] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: ZSCAN21/ZFP38 Antibody [NBP1-84182] - Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules.



ChIP-Exo-Seq composite graph for Anti-ZSCAN21 (NBP1-84182) 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

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]



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### **Products Related to NBP1-84182**

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NBP1-84182PEP	ZSCAN21/ZFP38 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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