

Product Datasheet

ZNF18 Antibody - BSA Free

NBP1-81758

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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NBP1-81758

ZNF18 Antibody - BSA Free

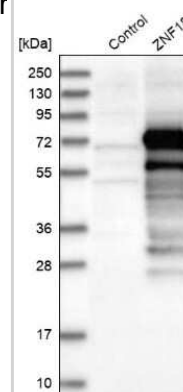
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	7566
Gene Symbol	ZNF18
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ISIQVLGQDILSEKMEPSCQVGEVEPHLEVVPQELGLENSSSSGPGELLSHIVKE ESDTEAELALAASQPARLEERLIRDQDLGASLLPAAPQEQWRQLDSTQKEQY WDLMLETYGKMVSGAGISHPKSDLTNS

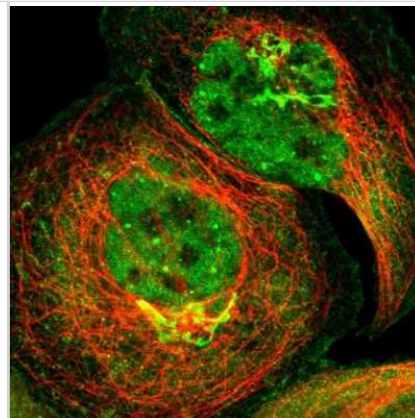
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, 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. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

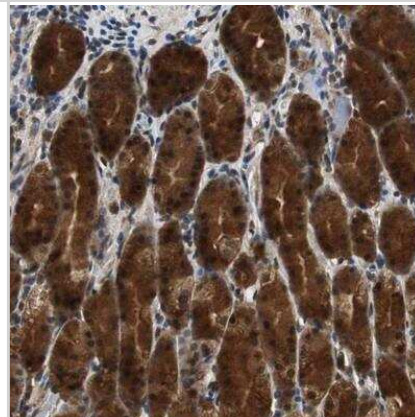
Western Blot: ZNF18 Antibody [NBP1-81758] - Analysis in control (vector only transfected HEK293T lysate) and ZNF18 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



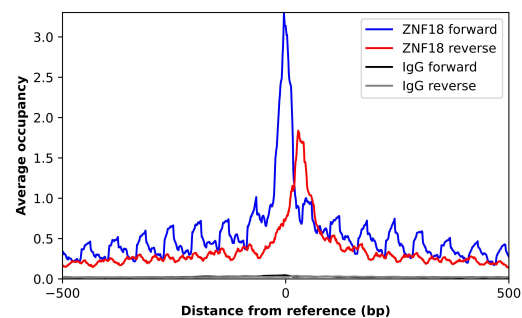
Immunocytochemistry/Immunofluorescence: ZNF18 Antibody [NBP1-81758] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm, plasma membrane, cytosol & the Golgi apparatus.



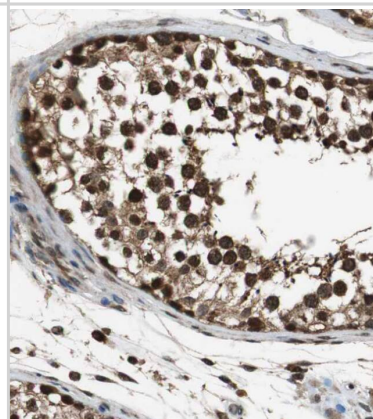
Immunohistochemistry: ZNF18 Antibody [NBP1-81758] - Staining of human stomach shows strong cytoplasmic and nuclear positivity in glandular cells.



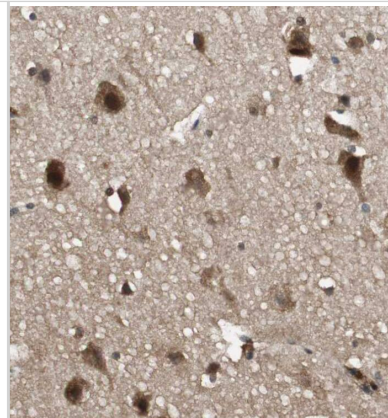
ChIP-Exo-Seq composite graph for Anti-ZNF18 (NBP1-81758) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment 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.



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



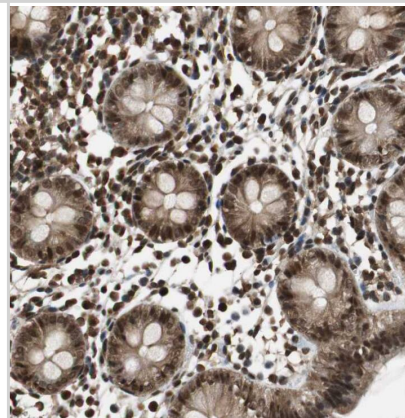
Staining of human cerebral cortex shows strong cytoplasmic-nuclear positivity in neurons.



Staining of human lymph node shows strong nuclear positivity in non-germinal center cells and germinal center cells.



Staining of human colon shows moderate nuclear positivity in glandular cells.





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Products Related to NBP1-81758

NBP1-81758PEP	ZNF18 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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