

Product Datasheet

NFIA Antibody - BSA Free NBP1-81407

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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NBP1-81407

NFIA 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

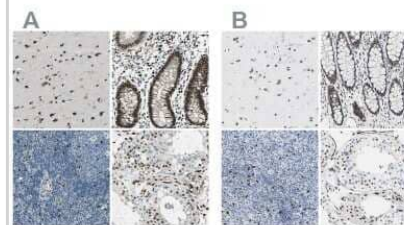
Product Description	
Description	Novus Biologicals Rabbit NFIA Antibody - BSA Free (NBP1-81407) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4774
Gene Symbol	NFIA
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LKSVEDEMDSPGEEPFYTGQGRSPGSGSQSSGWHEVEPGMPSPPTTLKKSEK SGFSSPSPSQTSSLGTAFTQHHRPVITGPRASPHATPSTLHFPTSPIIQQ

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. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

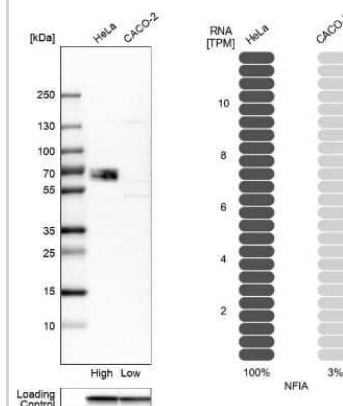


Images

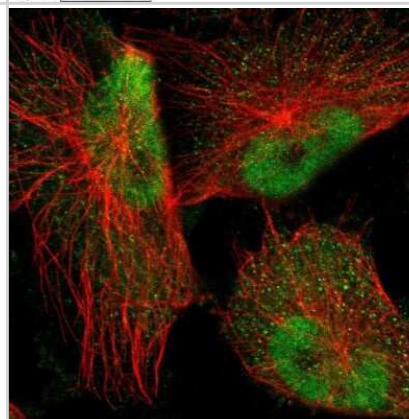
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human cerebral cortex, gallbladder, kidney and liver using Anti-PAH antibody (A) NBP1-81407 shows similar protein distribution across tissues to independent antibody NBP1-81406 (B).



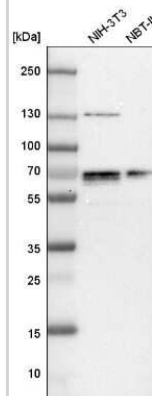
Western Blot: NFIA Antibody [NBP1-81407] - Analysis in human cell lines HeLa and Caco-2. Corresponding NFIA RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



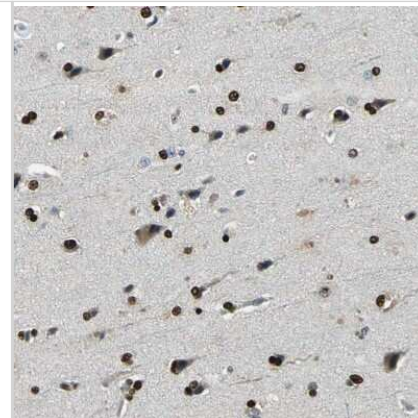
Immunocytochemistry/Immunofluorescence: NFIA Antibody [NBP1-81407] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



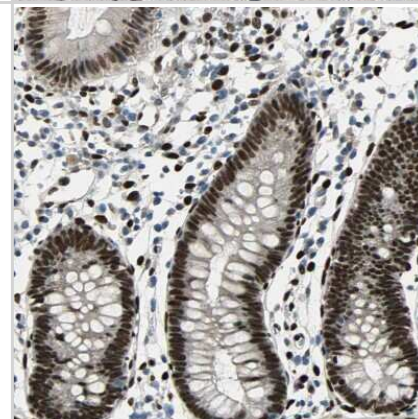
Western Blot: NFIA Antibody [NBP1-81407] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



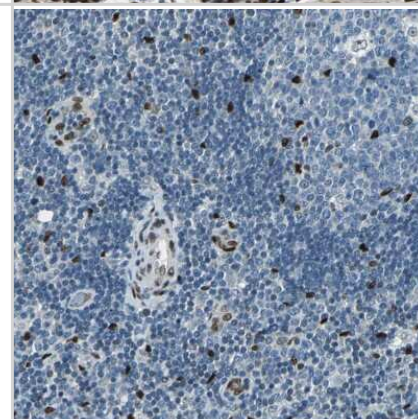
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



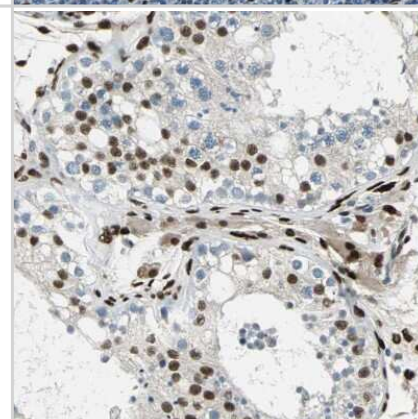
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human gastrointestinal shows strong nuclear positivity in glandular cells.



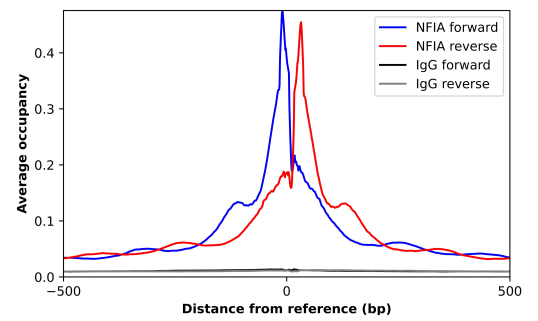
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human lymphoid tissues shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human testis shows strong nuclear positivity in Leydig cells.



ChIP-Exo-Seq composite graph for Anti-NFIA (NBP1-81407) 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.





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Products Related to NBP1-81407

NBP1-81407PEP	NFIA 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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