

# 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	
<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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

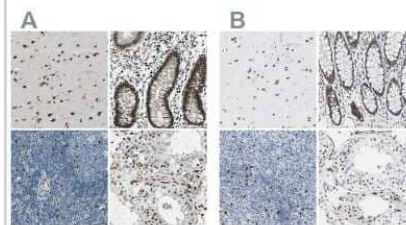
Product Description	
<b>Description</b>	Novus Biologicals Rabbit NFIA Antibody - BSA Free (NBP1-81407) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4774
<b>Gene Symbol</b>	NFIA
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

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

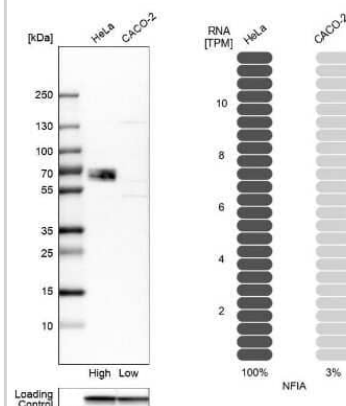


## Images

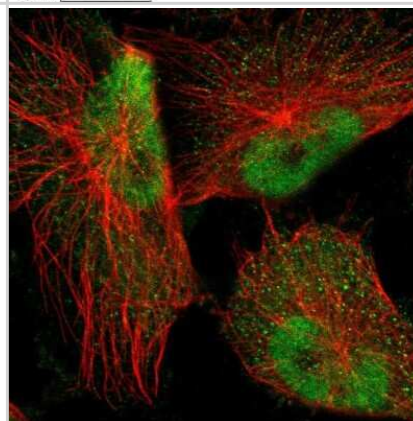
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human cerebral cortex, gallbladder, kidney and liver using Anti-PAH antibody (A) NBP1-81407 shows similar protein distribution across tissues to independent antibody NBP1-81406 (B).



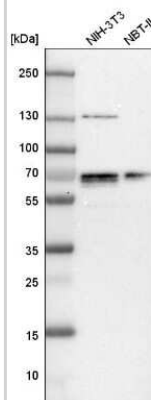
Western Blot: NFIA Antibody [NBP1-81407] - Analysis in human cell lines HeLa and Caco-2. Corresponding NFIA RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



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



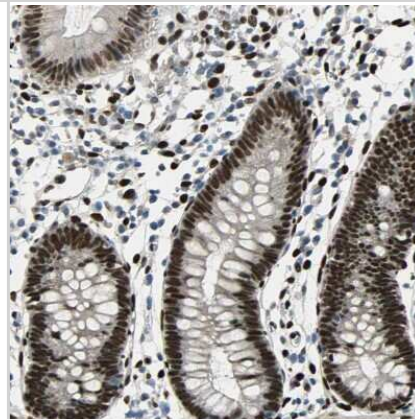
Western Blot: NFIA Antibody [NBP1-81407] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



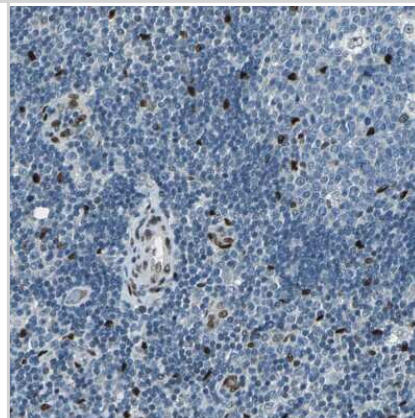
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



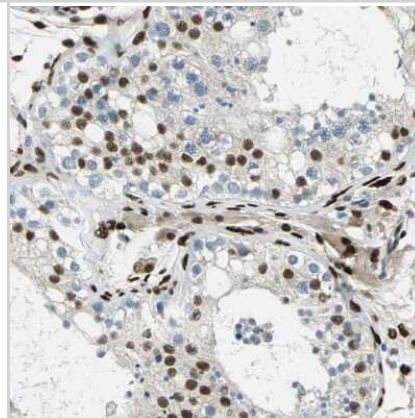
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human gastrointestinal shows strong nuclear positivity in glandular cells.



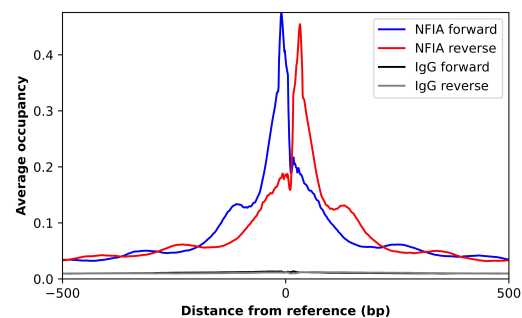
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81407] - Staining of human lymphoid tissues shows strong nuclear positivity in non-germinal center cells.



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**

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NBP1-81407PEP	NFIA Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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