

Product Datasheet

NFIA Antibody - BSA Free NBP1-81406

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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NBP1-81406

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

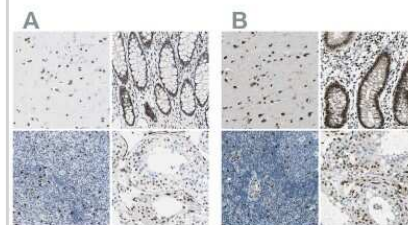
Host	Rabbit
Gene ID	4774
Gene Symbol	NFIA
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26021864).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VKSPQCSNPGLCVQPHHIGVSVKELDLYLAYFVHAADSSQSESPSQPSDADIK DQPENGHLGFQDSFVTSGVFSVTELVRSQTPIAAGTGPNFSLSDLESSSYYS MSPGA

Product Application Details

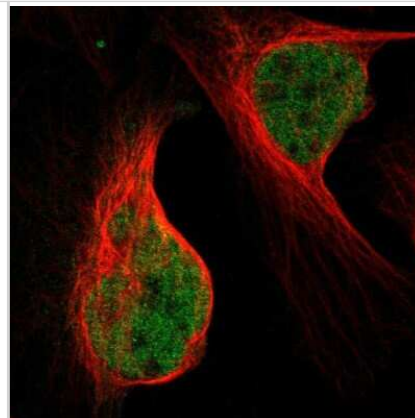
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

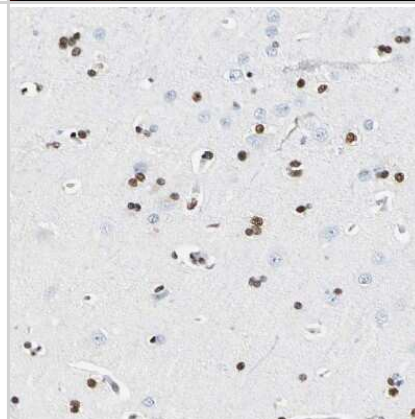
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81406] - Staining of human cerebral cortex, gastrointestinal, lymphoid tissues and testis using Anti-NFIA antibody (A) NBP1-81406 shows similar protein distribution across tissues to independent antibody NBP1-81407 (B).



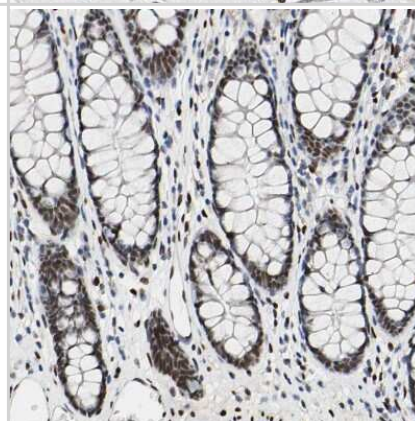
Immunocytochemistry/Immunofluorescence: NFIA Antibody [NBP1-81406] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



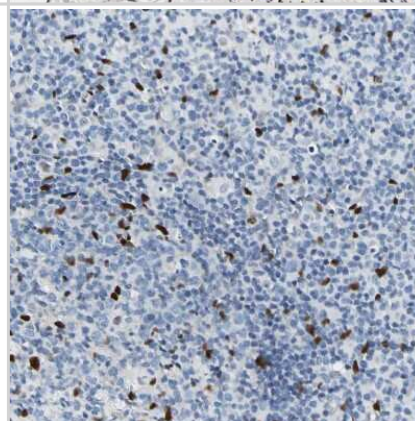
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81406] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



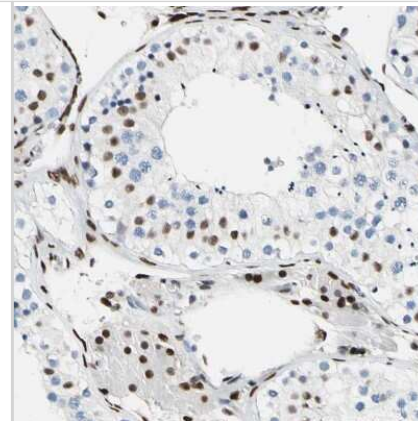
Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81406] - Staining of human gastrointestinal shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81406] - Staining of human lymphoid tissues shows strong nuclear positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: NFIA Antibody [NBP1-81406] - Staining of human testis shows strong nuclear positivity in Leydig cells.



Publications

Bielle F, Ducray F, Mokhtari K et al. Tumor cells with neuronal intermediate progenitor features define a subgroup of 1p/19q co-deleted anaplastic gliomas. Brain Pathol 2016-08-20 [PMID: 27543943]

Heard KJ, Shokhirev MN, Becronis C et al. Chronic cortisol differentially impacts stem cell-derived astrocytes from major depressive disorder patients Translational Psychiatry 2021-11-30 [PMID: 34848679] (Immunocytochemistry/Immunofluorescence)

Vadodaria KC, Mendes APD, Mei A et al. Altered Neuronal Support and Inflammatory Response in Bipolar Disorder Patient-Derived Astrocytes Stem cell reports 2021-02-23 [PMID: 33667413] (ICC/IF, Human)

Bunt J, Lim JW, Zhao L et al. PAX6 does not regulate Nfia and Nfib expression during neocortical development. Sci Rep 2015-05-29 [PMID: 26021864] (IF/IHC, Mouse)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-81406

NBP1-81406PEP	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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