Product Datasheet

FoxJ1/HFH4 Antibody - BSA Free
NBP1-87928

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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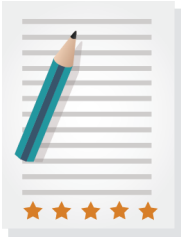
Reviews: 1 Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-87928

Updated 2/21/2025 v.20.1



NBP1-87928

FoxJ1/HFH4 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

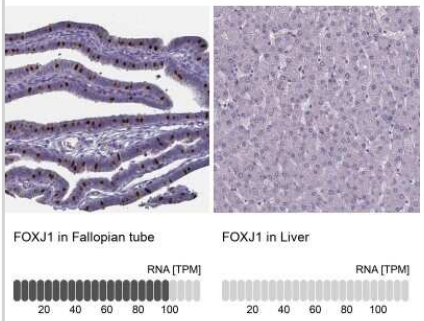
Host	Rabbit
Gene ID	2302
Gene Symbol	FOXJ1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PREKDEPGKGGFWRIDPQYAERLLSGAFKKRRLPPVHIHPAFARQAAQEPSAV PRAGPLTVNTEAQQLLREFEEATGEAGWGAGEGRLGHKRKQPLPKRVAKVPR PPSTLLPTPEEQGELEPLKG

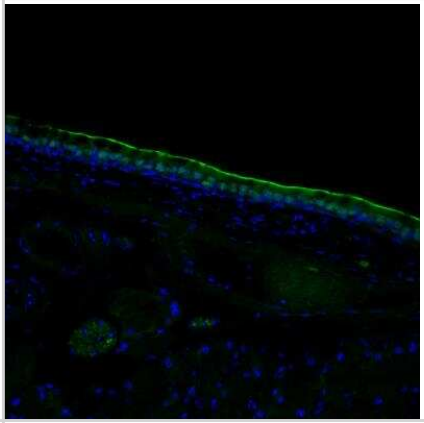
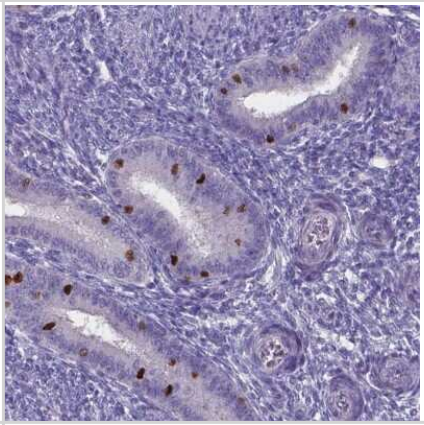
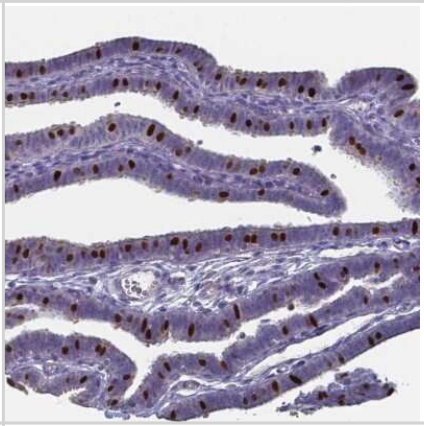
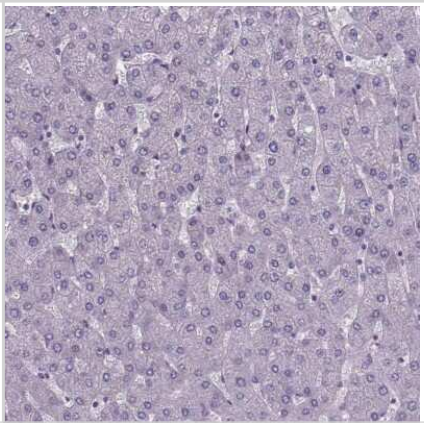
Product Application Details

Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID:35288560), Immunohistochemistry-Paraffin 1:500 - 1:1000, Immunohistochemistry-Frozen Validated for IHCFrozen from a verified customer review
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

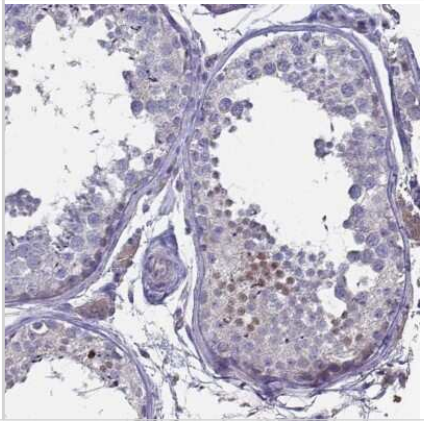
Images

Immunohistochemistry-Paraffin: FoxJ1/HFH4 Antibody [NBP1-87928] - Staining in human fallopian tube and liver tissues. Corresponding FOXJ1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Frozen: FoxJ1/HFH4 Antibody [NBP1-87928] - Staining of FoxJ1 in airway epithelium of mouse. Image from verified customer review.	
Immunohistochemistry-Paraffin: FoxJ1/HFH4 Antibody [NBP1-87928] - Staining of human endometrium shows strong nuclear positivity in a subset of glandular cells.	
Immunohistochemistry-Paraffin: FoxJ1/HFH4 Antibody [NBP1-87928] - Staining of human fallopian tube shows strong nuclear positivity in a subset of glandular cells.	
Immunohistochemistry-Paraffin: FoxJ1/HFH4 Antibody [NBP1-87928] - Staining of human liver shows no positivity as expected.	

Immunohistochemistry-Paraffin: FoxJ1/HFH4 Antibody [NBP1-87928] - Staining of human testis shows moderate nuclear positivity in a subset of cells in seminiferous ducts.



Publications

Chapman F, Pour SJ, Wieczorek R et al. Twenty-eight day repeated exposure of human 3D bronchial epithelial model to heated tobacco aerosols indicates decreased toxicological responses compared to cigarette smoke Frontiers in toxicology 2023-02-16 [PMID: 36875887] (Immunohistochemistry, Human)

Czekala L, Wieczorek R, Simms L et al. Multi-endpoint analysis of human 3D airway epithelium following repeated exposure to whole electronic vapor product aerosol or cigarette smoke Curr Res Toxicol 2021-08-04 [PMID: 34345855]

Michelson DA, Hase K, Kaisho T et al. Thymic epithelial cells co-opt lineage-defining transcription factors to eliminate autoreactive T cells Cell 2022-06-12 [PMID: 35714609]

Lehman NL, Spassky N, Sak M et al. Astroblastomas exhibit radial glia stem cell lineages and differential expression of imprinted and X-inactivation escape genes Nature communications 2022-04-19 [PMID: 35440587] (WB, Human)

Hong Y, Shan S, Gu Y et al. Malfunction of airway basal stem cells plays a crucial role in pathophysiology of tracheobronchopathia osteoplastica Nature communications 2022-03-14 [PMID: 35288560] (ICC/IF, IF/IHC)

Haglin S, Berghard A, Bohm S Increased Retinoic Acid Catabolism in Olfactory Sensory Neurons Activates Dormant Tissue-Specific Stem Cells and Accelerates Age-Related Metaplasia J. Neurosci. 2020-05-20 [PMID: 32385093] (IHC-F, Mouse)

Wang Q, Bhattacharya S, Mereness JA et al. A novel in vitro model of primary human pediatric lung epithelial cells Pediatr. Res. 2019-02-18 [PMID: 30776794] (IF/IHC, Human)

Song R, Walentek P, Sponer N et al. miR-34/449 miRNAs are required for motile ciliogenesis by repressing cp110. Nature 2014-06-05 [PMID: 24899310]

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Products Related to NBP1-87928

NBP1-87928PEP	FoxJ1/HFH4 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

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