

Product Datasheet

OFD1 Antibody - BSA Free

NBP1-89355

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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NBP1-89355

OFD1 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

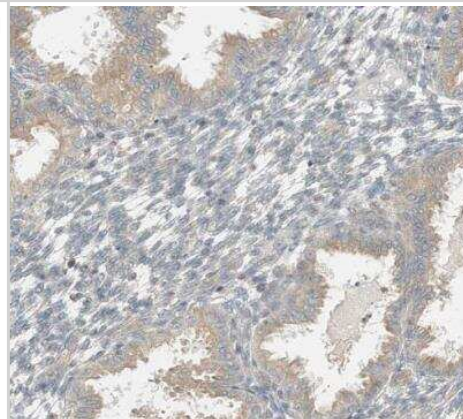
Product Description	
Host	Rabbit
Gene ID	8481
Gene Symbol	OFD1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 25180832).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLKEEKLELLAQNKLLKQQLEESRNENLRLNRLAQPAPPELAVFQKELRKAEKAI VVEHEEFESCRQALHKQLQDEIEHSAQLKAQILGYKA

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 25180832), Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID:34078910) , Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

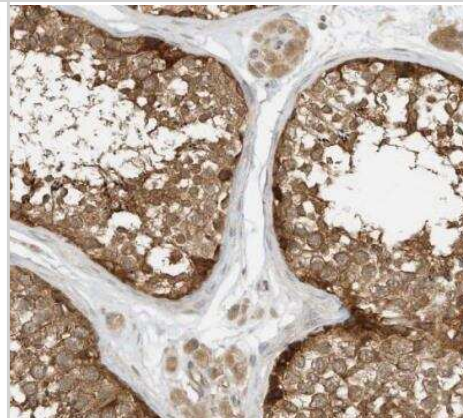


Images

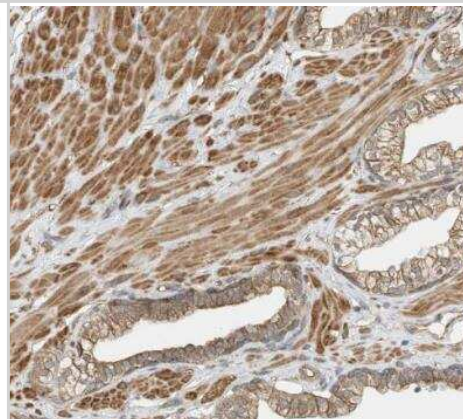
Immunohistochemistry-Paraffin: OFD1 Antibody [NBP1-89355] - Staining of human endometrium shows moderate cytoplasmic positivity in glandular cells.



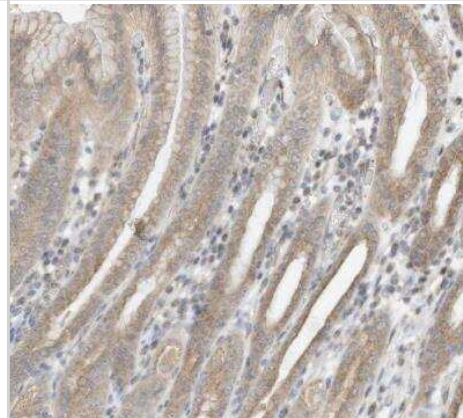
Immunohistochemistry-Paraffin: OFD1 Antibody [NBP1-89355] - Staining of human testis shows strong cytoplasmic positivity in seminiferous ducts.



Immunohistochemistry-Paraffin: OFD1 Antibody [NBP1-89355] - Staining of human prostate shows strong cytoplasmic positivity in smooth muscle cells.



Immunohistochemistry-Paraffin: OFD1 Antibody [NBP1-89355] - Staining of human stomach shows moderate cytoplasmic positivity in glandular cells.



Publications

Pajkos M, Szaniszló T, Fülöp M, Dosztányi Z Entering new circles: Expansion of the LC8/DYNLL1 interactome in the ciliary-centrosomal network through system-driven motif evolution bioRxiv 2023-09-17 (ICC/IF, Human)

Chao Y, Huang B, Peng I et al. ATM- and ATR-Induced Primary Ciliogenesis Promotes Cisplatin Resistance in Pancreatic Ductal Adenocarcinoma Research Square 2021-12-02 [PMID: 36251015]

Yamamoto Y, Chino H, Tsukamoto S et al. NEK9 regulates primary cilia formation by acting as a selective autophagy adaptor for MYH9/myosin IIA Nature communications 2021-06-02 [PMID: 34078910] (IF/IHC, WB, ICC/IF, Mouse, Human)

Chen TY, Huang BM, Tang TK, et al. Genotoxic stress-activated DNA-PK-p53 cascade and autophagy cooperatively induce ciliogenesis to maintain the DNA damage response Cell death and differentiation 2021-01-18 [PMID: 33462409]

Zhang C, Li C et al. Distinct Roles of TRAPPC8 and TRAPPC12 in Ciliogenesis via Their Interactions With OFD1. Front Cell Dev Biol 2020-08-04 [PMID: 32258032] (ICC/IF, Human)

Chen TY, Lin TC, Kuo PL et al. Septin 7 is a centrosomal protein that ensures S phase entry and microtubule nucleation by maintaining the abundance of p150glued J. Cell. Physiol. 2020-09-01 [PMID: 32869310]

Takahashi K, Nagai T, Chiba S et al. Glucose deprivation induces primary cilium formation through mTORC1 inactivation J. Cell. Sci. 2017-11-27 [PMID: 29180513] (Human)

Wang WJ, Tay HG, Soni R et al. CEP162 is an axoneme-recognition protein promoting ciliary transition zone assembly at the cilia base. Nat Cell Biol 2013-06-01 [PMID: 23644468]

Jerman S, Ward HH, Lee R et al. OFD1 and Flotillins Are Integral Components of a Ciliary Signaling Protein Complex Organized by Polycystins in Renal Epithelia and Odontoblasts. PLoS ONE. 2014-09-03 [PMID: 25180832] (WB, Mouse)





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Products Related to NBP1-89355

NBP1-89355PEP	OFD1 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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