

# Product Datasheet

## DLX5 Antibody - BSA Free NBP1-85793

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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**NBP1-85793**

DLX5 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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

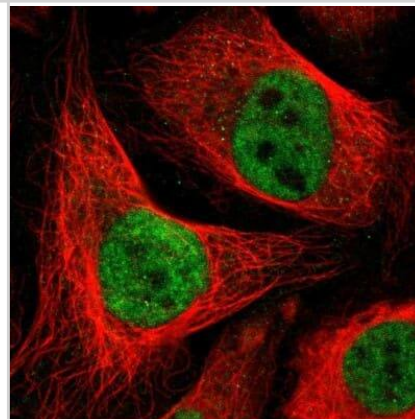
<b>Host</b>	Rabbit
<b>Gene ID</b>	1749
<b>Gene Symbol</b>	DLX5
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RRVPSIRSGDFQAPFQTSAAMHHPSQESPTLPESATDSDYYSPTGGAPHGY CSPTSASYGKALNPYQYQYHGVNGSAGSYPAKAYADYSYASSYHQYGGAYN RVPSATNQPEKEVTEPEVRMVNGKPKKVRKP

**Product Application Details**

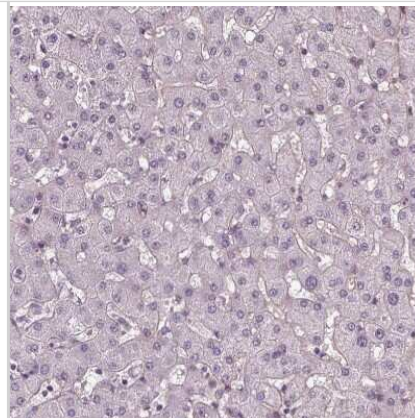
<b>Applications</b>	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For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

**Images**

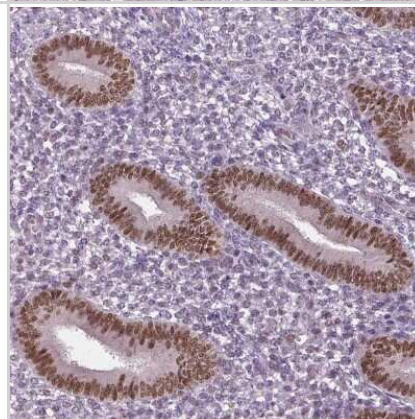
Immunocytochemistry/Immunofluorescence: DLX5 Antibody [NBP1-85793] - Staining of human cell line U-2 OS shows localization to nucleus. Antibody staining is shown in green.



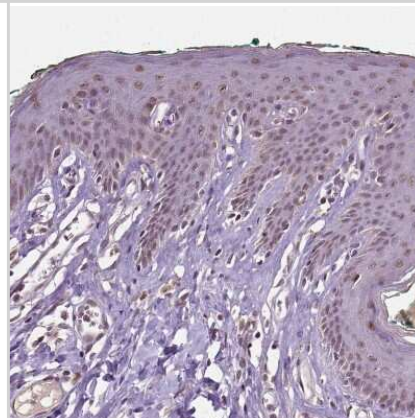
Immunohistochemistry-Paraffin: DLX5 Antibody [NBP1-85793] - Staining of human liver shows no positivity in hepatocytes as expected.



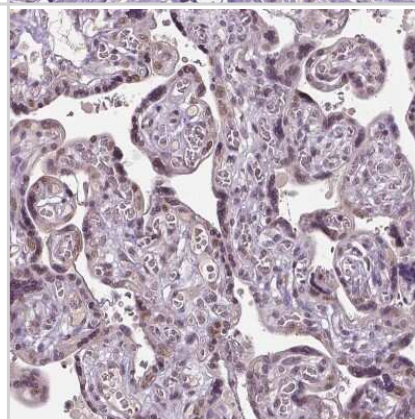
Immunohistochemistry-Paraffin: DLX5 Antibody [NBP1-85793] - Staining of human endometrium shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: DLX5 Antibody [NBP1-85793] - Staining of human skin shows moderate nuclear positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: DLX5 Antibody [NBP1-85793] - Staining of human placenta shows weak nuclear positivity in trophoblastic cells.



## Publications

Mijeong Kim, Yu Jin Jang, Muyeong Lee, Qingqing Guo, Albert J. Son, Nikita A. Kakkad, Abigail B. Roland, Bum-Kyu Lee, Jonghwan Kim The transcriptional regulatory network modulating human trophoblast stem cells to extravillous trophoblast differentiation Nature Communications 2024-02-12 [PMID: 38346993]

Moore ST, Nakamura T, Nie J et al. Generating high-fidelity cochlear organoids from human pluripotent stem cells Cell stem cell 2023-07-06 [PMID: 37419105] (IHC-P, Human)

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]





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### **Products Related to NBP1-85793**

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NBP1-85793PEP	DLX5 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

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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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