

Product Datasheet

Otx2 Antibody - BSA Free NBP1-86533

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-86533

Updated 3/4/2026 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-86533



NBP1-86533

Otx2 Antibody - BSA Free

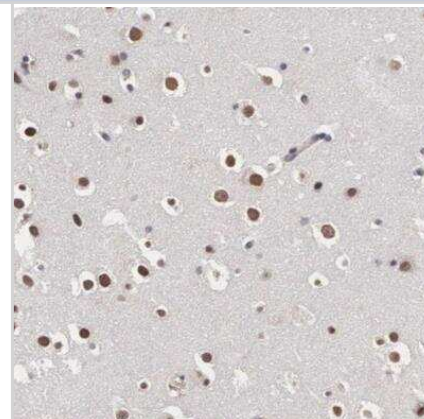
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5015
Gene Symbol	OTX2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SSSAPVSIWSPASISPLSDPLSTSSSCMQRSYPMTYQTQASGYSQGYAGSTSYF GGMDCGSYLTMPHHQLPGPGATLSPMGTNVAVTSHLNQSPASLSTQGYGASS LGFNSTTDCLDYKDKQTASWKLNFNADCLDYK

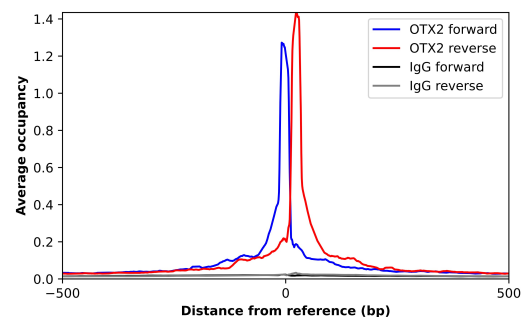
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 25870833)., Immunohistochemistry-Paraffin 1:1000 - 1:2500, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

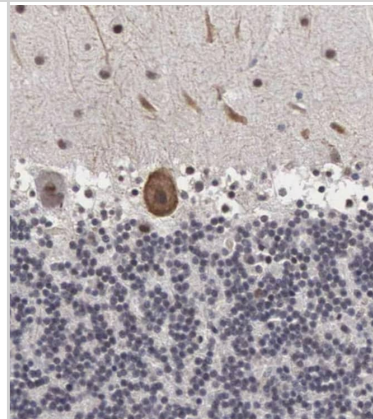
Immunohistochemistry-Paraffin: Otx2 Antibody [NBP1-86533] - Staining of human hippocampus shows moderate nuclear positivity in neuronal cells.



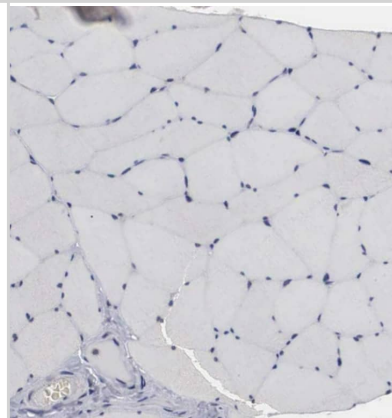
ChIP-Exo-Seq composite graph for Anti-OTX2 (NBP1-86533) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment 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.



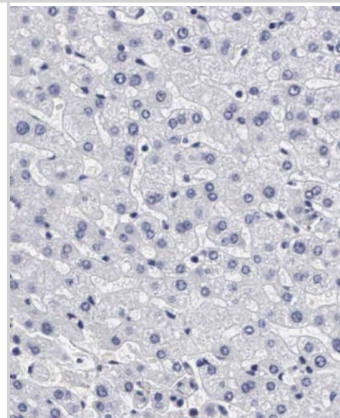
Staining of human cerebellum shows strong nuclear positivity in Purkinje cells.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Zhai J, Xu Y, Wan H et al. Neurulation of the cynomolgus monkey embryo achieved from 3D blastocyst culture Cell 2023-05-11 [PMID: 37172562]

Karbalaie K, Tanhaei S, Rabiei F et al. Stem Cells from Human Exfoliated Deciduous Tooth Exhibit Stromal-Derived Inducing Activity and Lead to Generation of Neural Crest Cells from Human Embryonic Stem Cells. Cell J 2015-01-01 [PMID: 25870833] (ICC/IF, Human)

Glubrecht DD, Kim JH, Russell L et al. Differential CRX and OTX2 expression in human retina and retinoblastoma. J Neurochem 2009-10-01 [PMID: 19686387]





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 NBP1-86533

NBP1-86533PEP	Otx2 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-86533

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

