Product Datasheet

BARHL1 Antibody - BSA Free
NBP1-86513

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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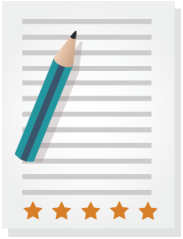
Publications: 9

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-86513

Updated 4/21/2026 v.20.1



NBP1-86513

BARHL1 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

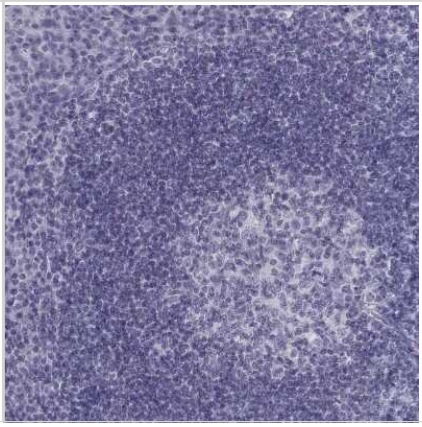
Host	Rabbit
Gene ID	56751
Gene Symbol	BARHL1
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LELSPRSESSSDCSSPASPGRDCLETGTPRPGGASGPGLDSHLQPGQLSAPA QSRTVTSSFLIRDILADCKPLAACAPYSSSGQPAAPEPGGRLAAKAAEDFRDKL DKSGSNASSDSEYKVKEEGDREISSSRDSP

Product Application Details

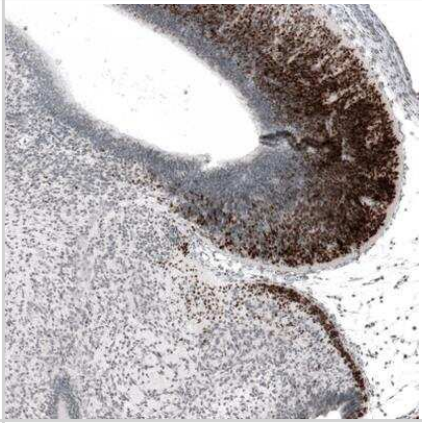
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Chromatin Immunoprecipitation (ChIP) 1-10µg per reaction
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. Please note that ICC/IF was reported in PMID 31641054, which used a previous lot that is no longer available. The current lot of this antibody is not validated for use in ICC/IF. Please contact technical services if you have any questions.

Images

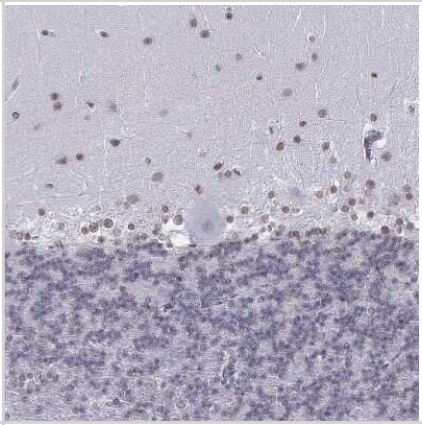
Immunohistochemistry-Paraffin: BARHL1 Antibody [NBP1-86513] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



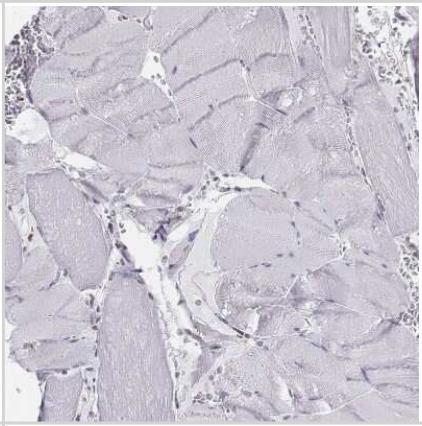
Immunohistochemistry-Paraffin: BARHL1 Antibody [NBP1-86513] - Staining of mouse embryo E14 shows strong nuclear positivity in neuronal cells in developing brain stem and cerebellum.



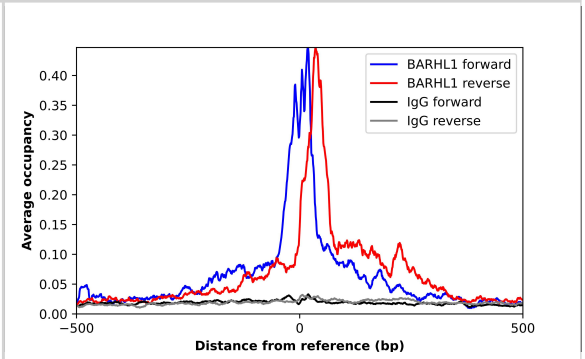
Immunohistochemistry-Paraffin: BARHL1 Antibody [NBP1-86513] - Staining of human cerebellum shows weak nuclear positivity in cells in molecular layer.



Immunohistochemistry-Paraffin: BARHL1 Antibody [NBP1-86513] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



ChIP-Exo-Seq composite graph for Anti-BARHL1 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.



Publications

YH Zhang, M Xu, X Shi, XL Sun, W Mu, H Wu, J Wang, S Li, P Su, L Gong, M He, M Yao, QF Wu Cascade diversification directs generation of neuronal diversity in the hypothalamus Cell Stem Cell, 2021-04-21;0(0):. 2021-04-21 [PMID: 33887179]

Zhanna Alekseenko, José M. Dias, Andrew F. Adler, Mariya Kozhevnikova, Josina Anna van Lunteren, Sara Nolbrant, Ashwini Jeggari, Svitlana Vasylovska, Takashi Yoshitake, Jan Kehr, Marie Carlén, Andrey Alexeyenko, Malin Parmar, Johan Ericson Robust derivation of transplantable dopamine neurons from human pluripotent stem cells by timed retinoic acid delivery Nature Communications 2022-06-01 [PMID: 35650213]

Gantner C, Cota-Coronado A, Thompson L, Parish C An Optimized Protocol for the Generation of Midbrain Dopamine Neurons under Defined Conditions STAR Protoc 2020-10-28 [PMID: 33111103]

Moriarty N, Kauhausen JA, Pavan C et al. Understanding the Influence of Target Acquisition on Survival, Integration, and Phenotypic Maturation of Dopamine Neurons within Stem Cell-Derived Neural Grafts in a Parkinson's Disease Model The Journal of neuroscience : the official journal of the Society for Neuroscience 2022-06-22 [PMID: 35610045]

Gantner Cw, De Luzy Ir, Kauhausen Ja et Al. Viral Delivery of GDNF Promotes Functional Integration of Human Stem Cell Grafts in Parkinson's Disease Cell Stem Cell 2020-02-10 [PMID: 32059808] (Rat)

de Luzy IR, Niclis JC, Gantner CW et al. Isolation of LMX1a ventral midbrain progenitors improves the safety and predictability of human pluripotent stem cell-derived neural transplants in Parkinsonian Disease J. Neurosci. 2019-10-21 [PMID: 31641054] (ICC/IF, Mouse, Rat)

Cardoso T Cell Replacement Therapy for Parkinson’s Disease: Potential for Circuitry Repair Dissertation 2018-11-30 (PA, Human)

Cardoso T, Adler AF, Mattsson B et al. Target-specific forebrain projections and appropriate synaptic inputs of hESC-derived dopamine neurons grafted to the midbrain of parkinsonian rats J Comp Neurol. 2018-09-01 [PMID: 30007046] (Rat)

Kee N, Volakakis N, Kirkeby A et al. Single-Cell Analysis Reveals a Close Relationship between Differentiating Dopamine and Subthalamic Nucleus Neuronal Lineages Cell Stem Cell 2017-01-05 [PMID: 28094018] (IF/IHC, Mouse)

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Products Related to NBP1-86513

NBP1-86513PEP	BARHL1 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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