

Product Datasheet

Otoferlin Antibody NBP1-46574

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: 1

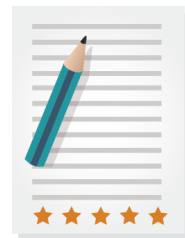
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NBP1-46574**Otoferlin Antibody****Product Information**

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

Product Description

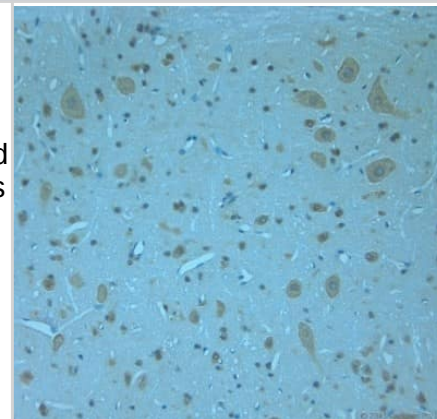
Host	Rabbit
Gene ID	9381
Gene Symbol	OTOF
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide from amino acid region 350-400 of human Otoferlin conjugated to blue carrier protein was used as the antigen. The peptide is homologous in rat and mouse.

Product Application Details

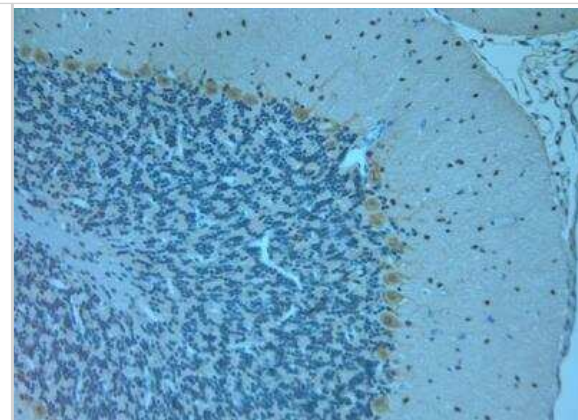
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:300-1:2000, Immunohistochemistry 1:300-1:2000, Immunohistochemistry-Paraffin 1:300-1:2000
Application Notes	The optimal dilution should be determined by the end user. Although not tested this antibody may be useful in Immunohistochemistry-Paraffin/Frozen

Images

Immunohistochemistry-Paraffin: Otoferlin Antibody [NBP1-46574] - IHC-P on paraffin sections of rat spinal cord. The animal was perfused using Autoperfuser at a pressure of 110 mmHg with 300 ml 4% FA and further post fixed overnight before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer from manufacturers instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



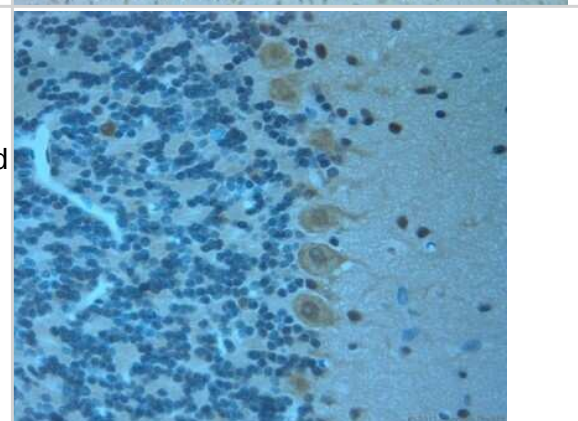
Immunohistochemistry-Paraffin: Otoferlin Antibody [NBP1-46574] - Rat cerebellum. Dilution 1: 1000.



Immunohistochemistry-Paraffin: Otoferlin Antibody [NBP1-46574] - Rat spinal cord, dilution 1: 1000.



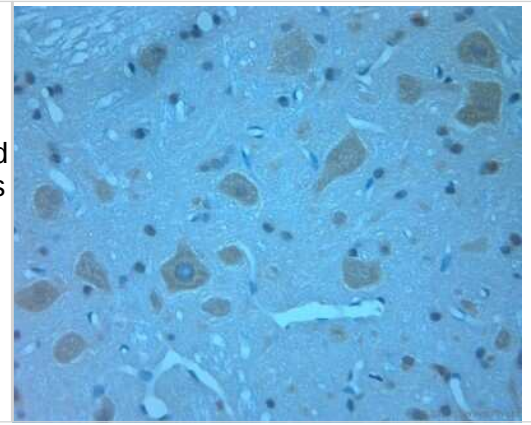
Immunohistochemistry-Paraffin: Otoferlin Antibody [NBP1-46574] - IHC-P on paraffin sections of rat cerebellum. The animal was perfused using Autoperfuser at a pressure of 110 mmHg with 300 ml 4% FA and further post fixed overnight before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: Otoferlin Antibody [NBP1-46574] - IHC-P on paraffin sections of rat spinal cord. The animal was perfused using Autoperfuser at a pressure of 110 mmHg with 300 ml 4% FA and further post fixed overnight before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer following manufacturers instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



Immunohistochemistry-Paraffin: Otoferlin Antibody [NBP1-46574] - IHC-P on paraffin sections of rat spinal cord. The animal was perfused using Autoperfuser at a pressure of 110 mmHg with 300 ml 4% FA and further post fixed overnight before being processed for paraffin embedding. HIER: Tris-EDTA, pH 9 for 20 min. Blocking: 0.2% LFDM in TBST filtered thru 0.2 um. Detection was done using HRP polymer from manufacturers instructions. Primary antibody: dilution 1: 1000, incubated 30 min at RT (using Autostainer). Sections were counterstained with Harris Hematoxylin.



Publications

van der Valk WH, van Beelen ESA, Steinhart MR et al. A single-cell level comparison of human inner ear organoids with the human cochlea and vestibular organs Cell reports 2023-06-06 [PMID: 37289589]

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Products Related to NBP1-46574

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009381-Q01-10ug	Recombinant Human Otoferlin GST (N-Term) Protein

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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