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OTOS Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13350a

Specification

OTOS Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q8NHW6

OTOS Antibody (N-term) Blocking peptide - Additional Information

Gene ID 150677

Other Names
Otospiralin, OTOS, OTOSP

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13350a was selected from the N-term region of OTOS. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

OTOS Antibody (N-term) Blocking peptide - Protein Information

Name OTOS

Synonyms OTOSP

Function
May be essential for the survival of the neurosensory epithelium of the inner ear.

Cellular Location
Secreted.

Tissue Location
Ear specific.

OTOS Antibody (N-term) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

OTOS Antibody (N-term) Blocking peptide - Images

OTOS Antibody (N-term) Blocking peptide - Background

Otospiralin is synthesized by nonsensory cells(fibrocytes) of the inner ear, and downregulation of otospiralin inguinea pigs leads to deafness (Lavigne-Rebillard et al., 2003[PubMed 12687421]).

OTOS Antibody (N-term) Blocking peptide - References

Potkin, S.G., et al. Schizophr Bull 35(1):96-108(2009)Lavigne-Rebillard, M., et al. Neurogenetics 4(3):137-140(2003)Delprat, B., et al. J. Neurosci. 22(5):1718-1725(2002)