

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

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 in guinea 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)