

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

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