



## Rabbit Anti-OTOS antibody

SL17537R

<b>Product Name:</b>	OTOS
<b>Chinese Name:</b>	耳蜗蛋白OTOS抗体
<b>Alias:</b>	Organ of Corti 10 kDa protein; OTOS; OTOSP; OTOSP_HUMAN; Otospiralin.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	8kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human OTOS:22-89/89
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]).[supplied by OMIM, Mar 2008] <b>Function:</b> May be essential for the survival of the neurosensory epithelium of the inner ear.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Ear specific.

**Similarity:**

Belongs to the otospiralin family.

**SWISS:**

Q8NHW6

**Gene ID:**

150677

**Database links:**

[Entrez Gene: 150677](#) Human

[Entrez Gene: 260301](#) Mouse

[Entrez Gene: 246044](#) Rat

[Omim: 607877](#) Human

[SwissProt: Q8NHW6](#) Human

[SwissProt: Q8R448](#) Mouse

[SwissProt: Q8K560](#) Rat

[Unigene: 148586](#) Human

[Unigene: 219545](#) Mouse

[Unigene: 56698](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.