

Datasheet for ABIN2785134  
**anti-Otospiralin antibody (N-Term)**

## 2 Images

[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL                                     |
| Target:              | Otospiralin (OTOS)                         |
| Binding Specificity: | N-Term                                     |
| Reactivity:          | Human, Cow, Dog, Rat, Pig, Horse           |
| Host:                | Rabbit                                     |
| Clonality:           | Polyclonal                                 |
| Conjugate:           | This Otospiralin antibody is un-conjugated |
| Application:         | Western Blotting (WB)                      |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human OTOS |
| Sequence:             | MQACMVPGLA LCLLLGPLAG AKPVQEEGDP YAELPAMPYW PFSTSDFWNY                                    |
| Predicted Reactivity: | Cow: 93%, Dog: 93%, Horse: 93%, Human: 100%, Pig: 79%, Rat: 93%                           |
| Characteristics:      | This is a rabbit polyclonal antibody against OTOS. It was validated on Western Blot.      |
| Purification:         | Affinity Purified   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | Otospiralin (OTOS)  |
| Alternative Name: | OTOS ( <a href="#">OTOS Products</a> )  |
| Background:       | OTOS may be essential for the survival of the neurosensory epithelium of the inner ear. |

## Target Details

|                   |   |
|-------------------|---|
|                   | Alias Symbols: OTOSP                                  |
|                   | Protein Size: 89                                      |
| Molecular Weight: | 10 kDa  |
| Gene ID:          | 150677  |
| NCBI Accession:   | <a href="#">NM_148961</a> , <a href="#">NP_683764</a> |
| UniProt:          | <a href="#">Q8NHW6</a>                                |
| Pathways:         | <a href="#">Sensory Perception of Sound</a>           |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 89 AA  |
| Restrictions:      | For Research Use only  |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Concentration:     | Lot specific  |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



Western Blotting

**Image 1. WB Suggested Anti-OTOS Antibody Titration:**  
0.2-1 ug/ml

**Positive Control:** Jurkat cell lysate



Rabbit Anti-OTOS Antibody  
Catalog Number: ARP52873  
Lot Number: QC26887  
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 10-20%

Western Blotting

**Image 2.** WB Suggested Anti-OTOS  
Antibody Titration: 0.2-1 µg/mL  
Positive Control: Jurkat cell lysate