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

2 Images



#### 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 (OTOS Products)
Background:	OTOS may be essential for the survival of the neurosensory epithelium of the inner ear.

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#### Target Details

	Alias Symbols: OTOSP Protein Size: 89
Molecular Weight:	10 kDa
Gene ID:	150677
NCBI Accession:	NM_148961, NP_683764
UniProt:	Q8NHW6
Pathways:	Sensory Perception of Sound

## 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.

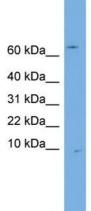
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#### Western Blotting

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

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