


## Product datasheet

### Anti-CHRNA9 antibody ab177119

★★★★★ [1 Abreviews](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-CHRNA9 antibody
<b>Description</b>	Rabbit polyclonal to CHRNA9
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide corresponding to Human CHRNA9. Database link: <a href="#">Q9UGM1</a>
<b>Positive control</b>	Jurkat and HeLa lysates; Human brain tissue.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Lyophilized:Reconstitute in 200ul sterile H2O.
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 1% BSA, 98% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab177119 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (1)	1/100 - 1/500.
WB		1/500 - 1/1000. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa).

## Target

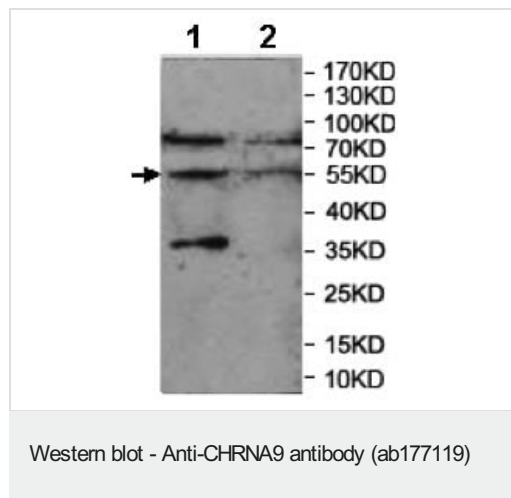
### Relevance

CHRNA9 is a member of the ligand gated ionic channel family and nicotinic acetylcholine receptor superfamily. CHRNA9 forms homo- or hetero-oligomeric divalent cation channels. It is involved in cochlea hair cell development and is also expressed in the outer hair cells (OHCs) of the adult cochlea. The protein is additionally expressed in keratinocytes, the pituitary gland, B-cells and T-cells.

### Cellular localization

Membrane; multi pass membrane protein

## Images

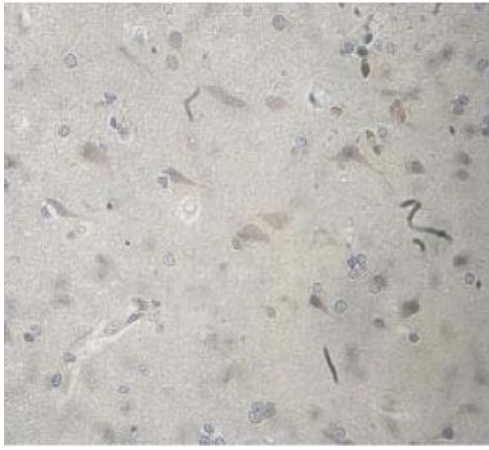


**All lanes :** Anti-CHRNA9 antibody (ab177119) at 1/500 dilution

**Lane 1 :** Jurkat lysate

**Lane 2 :** HeLa lysate

**Predicted band size:** 55 kDa



Immunohistochemical analysis of paraffin embedded Human brain tissue labeling CHRNA9 with ab177119 at 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CHRNA9 antibody (ab177119)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### Terms and conditions

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