

Datasheet for ABIN736911  
**anti-CHRNA7 antibody (AA 441-502)**

## 5 Images

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## Overview

Quantity:	100 µL
Target:	CHRNA7
Binding Specificity:	AA 441-502
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CHRNA7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	CHRNA7
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### Target Details

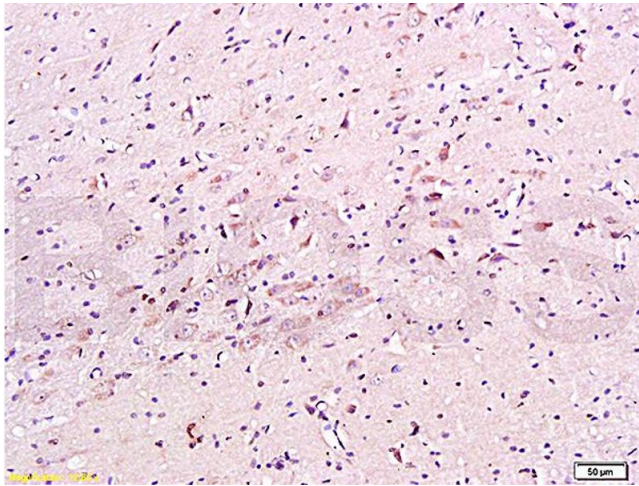
Alternative Name:	CHRNA7 ( <a href="#">CHRNA7 Products</a> )
Background:	Synonyms: NACHRA7, CHRNA7-2, Neuronal acetylcholine receptor subunit alpha-7, CHRNA7 Background: After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane. The channel is blocked by alpha-bungarotoxin.
Gene ID:	1139
UniProt:	<a href="#">P36544</a>
Pathways:	<a href="#">Synaptic Membrane</a>

### Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

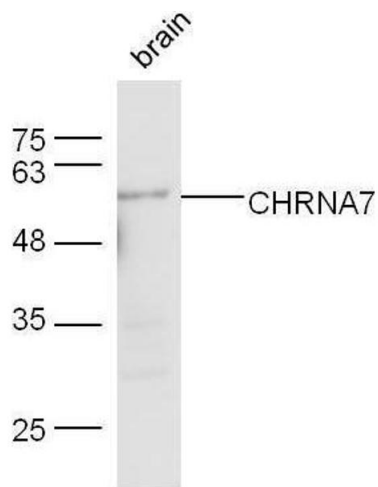
### Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



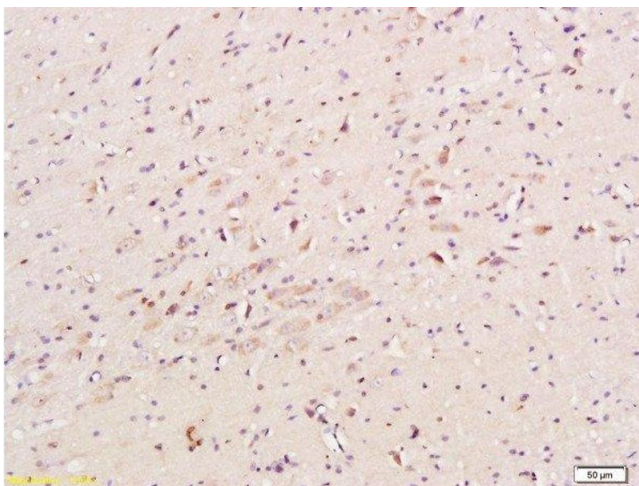
#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse brain tissue labeled with Anti-CHRNA7 Polyclonal Antibody, Unconjugated (ABIN736911) at 1:200, followed by conjugation to the secondary antibody and DAB staining



#### Western Blotting

**Image 2.** Mouse brain lysates probed with Rabbit Anti-CHRNA7 Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin embedded mouse brain tissue labeled with Anti-CHRNA7 Polyclonal Antibody, Unconjugated at 1:200, followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN736911.