

Datasheet for ABIN7440818
anti-CHRNA7 antibody (AA 23-230)

3 Images

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Overview

Quantity:	100 µL
Target:	CHRNA7
Binding Specificity:	AA 23-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNA7)
Immunogen:	Recombinant Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNA7) corresponding to Gly23~Thr230 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CHRNA7. It has been selected for its ability to recognize CHRNA7 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

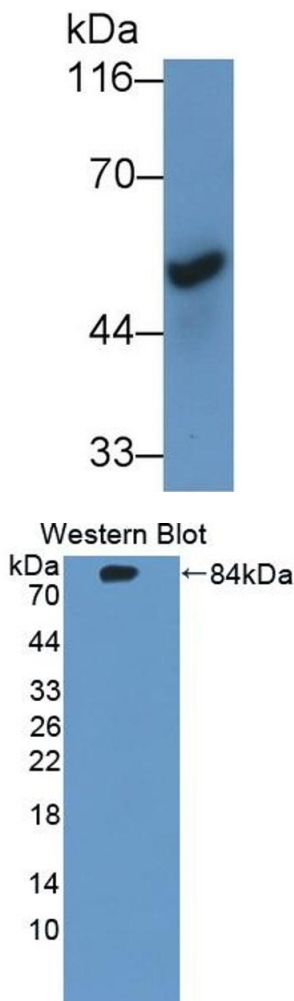
Target:	CHRNA7
Alternative Name:	Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNA7 Products)
Background:	CHR-NA7, CHRN-A7, N-AChRA7, NACHRA7, N-AChR-A7, Neuronal Acetylcholine Receptor Alpha 7
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of CHRNa7 in Mouse Cerebrum lysate using Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNa7)

Western Blotting

Image 2. Detection of Recombinant CHRNa7, Human using Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNa7)

Immunohistochemistry

Image 3. Detection of CHRNa7 in Human Cerebrum Tissue using Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 7 (CHRNa7)

