

Datasheet for ABIN7444463
anti-CHRNA4 antibody (AA 49-242)



[Go to Product page](#)

5 Images

Overview

Quantity:	100 µL
Target:	CHRNA4
Binding Specificity:	AA 49-242
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNA4)
Immunogen:	Recombinant Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNA4) corresponding to Asn49~Leu242 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CHRNA4. It has been selected for its ability to recognize CHRNA4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

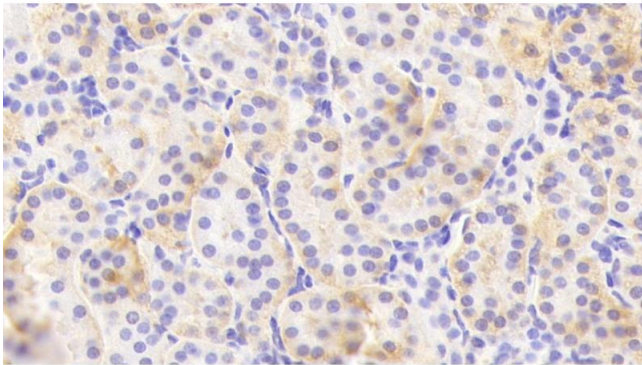
Target:	CHRNA4
Alternative Name:	Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNA4 Products)
Background:	CHR-NA4, CHRN-A4, BFNC, EBN, EBN1, NACRA4, N-AChRA4, NACHRA4, N-AChR-A4, Neuronal Acetylcholine Receptor Alpha 4
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

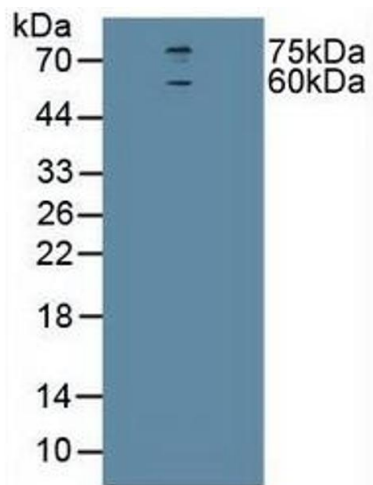
Handling

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



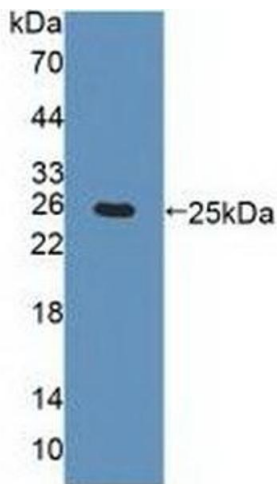
Immunohistochemistry

Image 1. Detection of CHRNa4 in Human Kidney Tissue using Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNa4)



Western Blotting

Image 2. Detection of CHRNa4 in Human U-87MG Cells using Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNa4)



Western Blotting

Image 3. Detection of Recombinant CHRNa4, Human using Polyclonal Antibody to Cholinergic Receptor, Nicotinic, Alpha 4 (CHRNa4)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7444463.