

Datasheet for ABIN657927
anti-CHRNA5 antibody (AA 187-216)

2 Images

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Overview

Quantity:	400 µL
Target:	CHRNA5
Binding Specificity:	AA 187-216
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CHRNA5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-216 amino acids from the Central region of human CHRNA5.
Clone:	RB33909
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CHRNA5
Alternative Name:	CHRNA5 (CHRNA5 Products)
Background:	The protein encoded by this gene is a nicotinic acetylcholine receptor subunit and a member of

Target Details

a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. These receptors are thought to be heteropentamers composed of separate but similar subunits. Defects in this gene have been linked to susceptibility to lung cancer type 2 (LNCR2).

Molecular Weight: 53054

Gene ID: 1138

NCBI Accession: [NP_000736](#)

UniProt: [P30532](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

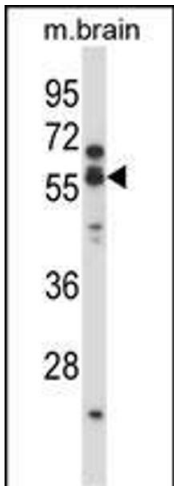
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

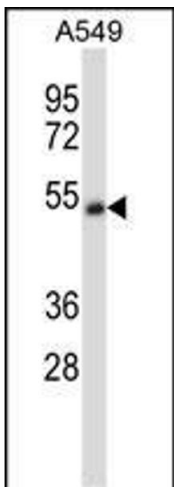
Storage Comment: CHRNA5 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. CHRNA5 Antibody (Center) (ABIN657927 and ABIN2846874) western blot analysis in mouse brain tissue lysates (35 µg/lane). This demonstrates the CHRNA5 antibody detected the CHRNA5 protein (arrow).



Western Blotting

Image 2. CHRNA5 Antibody (Center) (ABIN657927 and ABIN2846874) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the CHRNA5 antibody detected the CHRNA5 protein (arrow).