

Datasheet for ABIN2463731

anti-CHRNA9 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	CHRNA9
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CHRNA9.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	CHRNA9
Alternative Name:	CHRNA9 (CHRNA9 Products)
Background:	CHRNA9 is a member of the ligand-gated ionic channel family and nicotinic acetylcholine receptor superfamily. CHRNA9 is a plasma membrane protein that 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. This gene is a member of the ligand-gated ionic channel family and nicotinic acetylcholine receptor gene superfamily. It

Target Details

encodes a plasma membrane protein that forms homo- or hetero-oligomeric divalent cation channels. This protein 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.

Molecular Weight: 55 kDa

Gene ID: 55584

NCBI Accession: [NP_060051](#)

UniProt: [Q9UGM1](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: CHRNA9 antibody can be used for detection of CHRNA9 by ELISA at 1:312500. CHRNA9 antibody can be used for detection of CHRNA9 by western blot at 0.0625 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

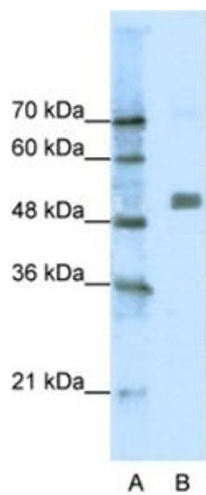
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store CHRNA9 antibody at -20 °C.



Western Blotting

Image 1.