

CHRNA9 antibody

Product Information

Catalog No.:	FNab01681
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Ionotropic receptor with a probable role in the modulation of auditory stimuli. Agonist binding induces a conformation change that leads to the opening of an ion-conducting channel across the plasma membrane(PubMed:11752216, PubMed:25282151). The channel is permeable to a range of divalent cations including calcium, the influx of which may activate a potassium current which hyperpolarizes the cell membrane(PubMed:11752216, PubMed:25282151). In the ear, this may lead to a reduction in basilar membrane motion, altering the activity of auditory nerve fibers and reducing the range of dynamic hearing. This may protect against acoustic trauma. May also regulate keratinocyte adhesion(PubMed:11021840).

Immunogen information

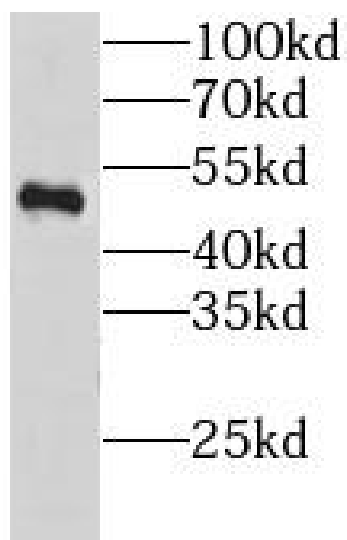
Immunogen:	cholinergic receptor, nicotinic, alpha 9
Synonyms:	Neuronal acetylcholine receptor subunit alpha-9 Nicotinic acetylcholine receptor subunit alpha-9 (NACHR alpha-9) CHRNA9 NACHRA9
Observed MW:	50-55 kDa
Uniprot ID :	Q9UGM1

Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



mouse skin tissue were subjected to SDS PAGE followed by western blot with FNab01681(CHRNA9 antibody) at dilution of 1:1000