

Product datasheet for **TA330425**

CHRNA9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CHRNA9 antibody: synthetic peptide directed towards the N terminal of human CHRNA9. Synthetic peptide located within the following region: MNWSHSCISFCWIYFAASRLRAAETADGKYAQKLFNDLFEDYSNALRPVE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	cholinergic receptor nicotinic alpha 9 subunit
Database Link:	NP_060051 Entrez Gene 55584 Human Q9UGM1



[View online »](#)

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 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.

Synonyms:

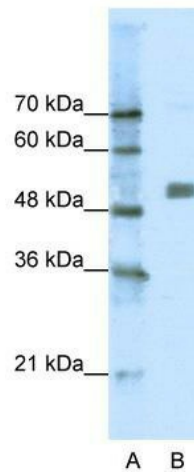
HSA243342; NACHRA9

Note:

Immunogen sequence homology: Bovine: 100%; Dog: 100%; Guinea pig: 100%; Horse: 100%; Rabbit: 100%; Mouse: 93%; Zebrafish: 80%

Protein Families:

Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

Product images:

WB Suggested Anti-CHRNA9 Antibody Titration:
0.0625ug/ml; ELISA Titer: 1:312500; Positive
Control: Jurkat cell lysate