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Datasheet for ABIN2792251 anti-CHRNA9 antibody (N-Term)

1 Image

1 Publication



Overview

Quantity:	100 µL
Target:	CHRNA9
Binding Specificity:	N-Term
Reactivity:	Mouse, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CHRNA9
Sequence:	MNWSHSCISF CWIYFAASRL RAAETADGKY AQKLFNDLFE DYSNALRPVE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Mouse: 93%, Rabbit: 100%, Zebrafish: 80%
Characteristics:	This is a rabbit polyclonal antibody against CHRNA9. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	CHRNA9

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Target Details		
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 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. Alias Symbols: NACHRA9, HSA243342 Protein Interaction Partner: UBC, Rapsn, Protein Size: 479	
Molecular Weight:	55 kDa	
Gene ID:	55584	
NCBI Accession:	NM_017581, NP_060051	
UniProt:	Q9UGM1	
Pathways:	Sensory Perception of Sound	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 479 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.	
Preservative:	Sodium azide	

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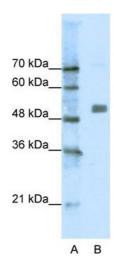
Precaution of Use:

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

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	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Tubon, Tansey, Herr: "A nonconserved surface of the TFIIB zinc ribbon domain plays a direct role in RNA polymerase II recruitment." in: Molecular and cellular biology , Vol. 24, Issue 7, pp. 2863-74, (2004) (PubMed).

Images



Western Blotting

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