OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA371739

CHRNA9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human cerebrum tissue and Human cerebella tissue lysates IHC: 40-200 Positive control: Human brain Predicted cell location: Cell membrane
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CHRNA9
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	55 kDa
Gene Name:	cholinergic receptor nicotinic alpha 9 subunit
Database Link:	Entrez Gene 55584 Human Q9UGM1
Background:	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.
Synonyms:	HSA243342; MGC142109; MGC142135; NACHRA9

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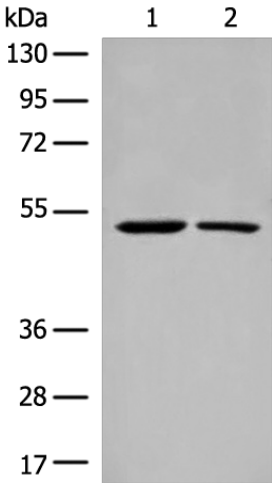
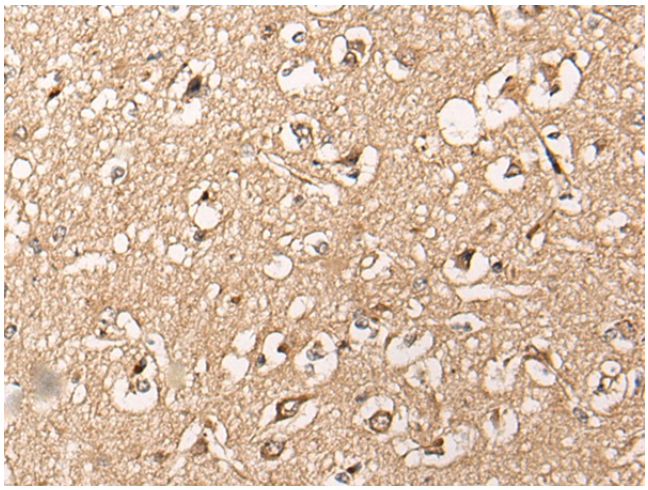
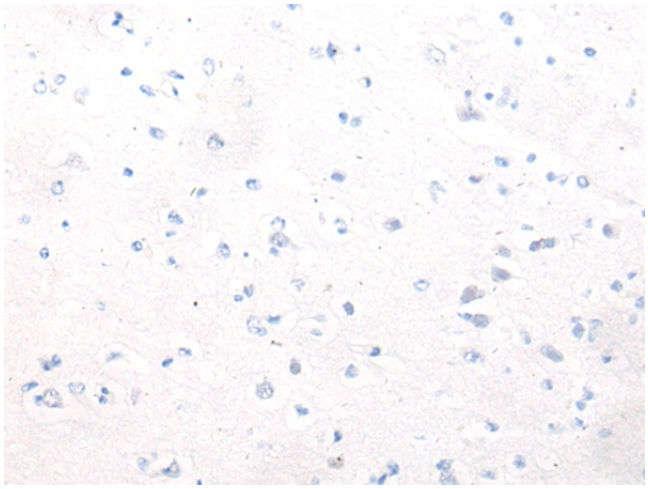
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Human cerebrum tissue and Human cerebella tissue lysates
Primary antibody: TA371739 (CHRNA9 Antibody) at dilution 1/400
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371739 (CHRNA9 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA371739 (CHRNA9 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)