

Product datasheet for **TA364526**

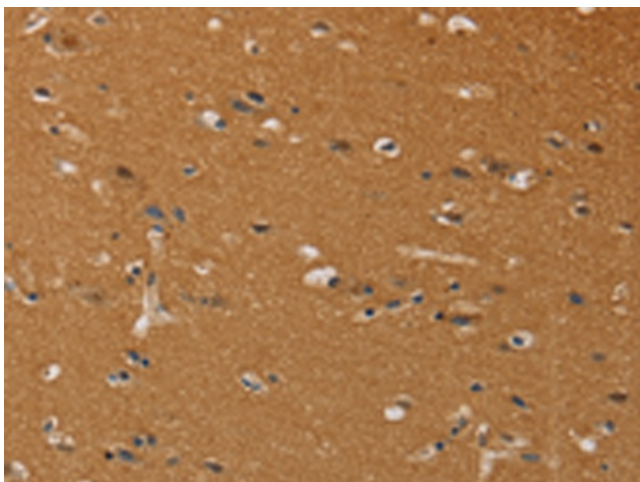
Nicotinic Acetylcholine Receptor alpha 4 (CHRNA4) Rabbit Polyclonal Antibody

Product data:

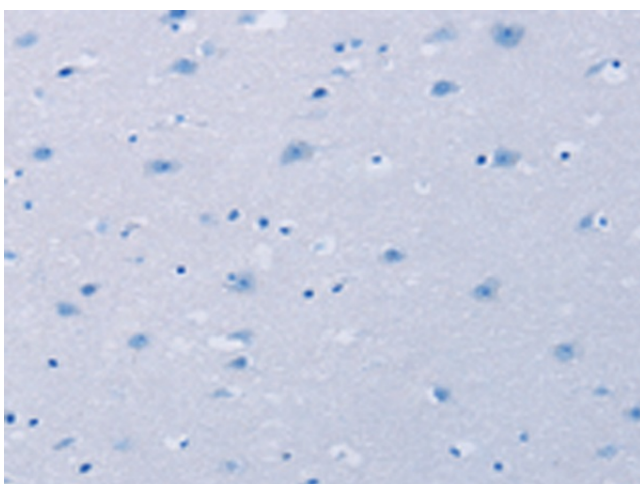
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CHRNA4
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	cholinergic receptor nicotinic alpha 4 subunit
Database Link:	Entrez Gene 1137 Human P43681
Background:	This gene encodes a nicotinic acetylcholine receptor, which belongs to a superfamily of ligand-gated ion channels that play a role in fast signal transmission at synapses. These pentameric receptors can bind acetylcholine, which causes an extensive change in conformation that leads to the opening of an ion-conducting channel across the plasma membrane. This protein is an integral membrane receptor subunit that can interact with either nAChR beta-2 or nAChR beta-4 to form a functional receptor. Mutations in this gene cause nocturnal frontal lobe epilepsy type 1.
Synonyms:	BFNC; EBN; EBN1; ENFL1; FLJ95812; NACHR; NACHRA4; NACRA4



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Product images:

Immunohistochemistry of paraffin-embedded Human brain tissue using TA364526 (CHRNA4 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA364526 (CHRNA4 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: ×200)