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Datasheet for ABIN651212 anti-CHRNA3 antibody (N-Term)

2 Images

1 Publication



Overview

Quantity:	400 µL
Target:	CHRNA3
Binding Specificity:	AA 25-52, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHRNA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CHRNA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-52 amino acids from the N-terminal region of human CHRNA3.
Clone:	RB25608
lsotype:	Ig Fraction
Predicted Reactivity:	В
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CHRNA3
Alternative Name:	CHRNA3 (CHRNA3 Products)

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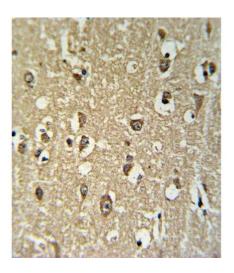
Target Details Background: CHRNA3 locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described. Molecular Weight: 57480 Gene ID: 1136 NCBI Accession: NP_000734, NP_001160166 UniProt: P32297 Pathways: Synaptic Membrane **Application Details** WB: 1:1000. IHC-P: 1:10~50 Application Notes: Restrictions: For Research Use only Handling Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. 6 months Expiry Date: **Publications**

Product cited in:

Huang, Zhan, Cao, Li, Lyu, Guo, Zhang, Ji, Ren, An, Liu, Nie, Xing: "Increased mitochondrial

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Images





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CHRNA3 Antibody (N-term) (ABIN651212 and ABIN2840133) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CHRNA3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of CHRNA3 Antibody (N-term) (ABIN651212 and ABIN2840133) in CEM cell line lysates ($35 \mu g$ /lane).CHRNA3 (arrow) was detected using the purified Pab.

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