

CHRNA3

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:25 - 1:100

Calculated MW: 57kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human CHRNA3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

LNCR2; PAOD2; NACHRA3;

Catalog #: A3040

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1136

Isotype: IgG

Swiss Prot: P32297

Purity: Affinity purification

For research use only.

Background:

This 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.

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