

## AChR Alpha3 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00173
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AChRalpha3. AA range:90-139
<b>Mol wt</b>	57310
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	AChRalpha3 Antibody
<b>Synonyms</b>	CHRNA3; NACHRA3; Neuronal acetylcholine receptor subunit alpha-3

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

CHRNA3 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. CHRNA3 encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein (cholinergic receptor nicotinic alpha 3 subunit) 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.

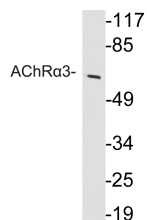
### Recommended Dilution

WB: 1: 500 - 1: 2000

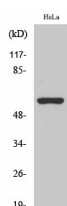
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western blot analysis of lysate from HeLa cells, using AChR $\alpha$ 3 antibody.



Western Blot analysis of various cells using AChR $\alpha$ 3 Polyclonal Antibody

## Storage

-20°C for one year

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