

ACHB3 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP14084

Host Rabbit

Isotype IgG

Size 100ul, 50ul, 20ul

Immunogen Synthesized peptide derived from human protein . at AA range: 160-240

Mol wt N/A

Species reactivity Human, Mouse, Rat

Clonality Polyclonal
Recommended application WB, ELISA

Concentration 1 mg/ml

Full name Neuronal acetylcholine receptor subunit beta-3

Synonyms Neuronal acetylcholine receptor subunit beta-3

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

Background

The nicotinic acetylcholine receptors (nAChRs) are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The nAChRs are (hetero)pentamers composed of homologous subunits. The subunits that make up the muscle and neuronal forms of nAChRs are encoded by separate genes and have different primary structure. There are several subtypes of neuronal nAChRs that vary based on which homologous subunits are arranged around the central channel. They are classified as alpha-subunits if like muscle alpha-1 (MIM 100690) they have a pair of adjacent cysteines as part of the presumed acetylcholine binding site. Subunits lacking these cysteine residues are classified as beta-subunits (Groot Kormelink and Luyten) 1997

Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year