

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



AChR α 5 (N215) Peptide

Cat No.: BS2921P

Background

Nicotinic acetylcholine receptors (AChRs) are found at the postsynaptic membrane of the neuromuscular junction and bind acetylcholine molecules, allowing ions to move through the pore. Glutamate receptors are found in the postsynaptic membrane of cells in the central nervous system. The activity that is generated at the synapse by the binding of acetylcholine is terminated by acetylcholinesterase, an enzyme that rapidly hydrolyzes acetylcholine. AChR α 5, also known as LNCR2 or CHRNA5 (cholinergic receptor, nicotinic, alpha 5), is a 468 amino acid multi-pass membrane protein belonging to the ligand-gated ionic channel family and is involved in the mediation of fast signal transmission at synapses.

Swiss-Prot

P30532

Applications

Blocking

Specificity

This peptide can be used with studies using BS2921 AChR α 5 (N215) pAb.

Purification & Purity

Synthetic peptide AChR α 5 (N215). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.