

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### AChR $\alpha$ 3 (L139) Peptide

Cat No.: BS2851P

#### Background

The nicotinic acetylcholine receptor (nAChR) is a ligand gated ion channel that mediates neurotransmission at the neuromuscular junction, autonomic ganglia and at some sites in the central nervous system. Distinct nAChR subtypes exist that can be stimulated by the neurotransmitter acetylcholine, the natural product nicotine, or by synthetic compounds. After binding acetylcholine, Nicotinic Acetylcholine Receptor alpha 3 responds by an extensive change in conformation that affects all subunits and leads to opening of an ion conducting channel across the plasma membrane.

#### Swiss-Prot

P32297

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2851 AChR $\alpha$ 3 (L139) pAb.

#### Purification & Purity

Synthetic peptide AChR $\alpha$ 3 (L139). (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.

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