![Meridian Life Science, Inc. — Innovative Solutions. Trusted Partner.®]

5171 Wilfong Road
Memphis, TN 38134
USA
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

CERTIFICATE OF ANALYSIS

Important Note: **Centrifuge before opening to ensure complete recovery of vial contents.**

Catalog #: Q4A163R **Lot #:** 10J29900

Description: Rabbit A' Nicotinic alpha 7 Rec.
Rabbit Antibody to Human Nicotinic alpha 7 (carboxyl terminal) Receptor (residues 493-502).

Specificity: Specific for the carboxyl terminal of nicotinic alpha 7 receptor. Has been characterized by Western Blotting, ELISA, and cell staining techniques.
Cross-reactivity:

Nicotinic alpha 7 Receptor (493-502)	100%
Nicotinic alpha 7 Receptor	~85%
Nicotinic alpha 3 Receptor	0%
Nicotinic alpha 4 Receptor	0%
Nicotinic alpha 5 Receptor	0%
Nicotinic beta 2 Receptor	0%
Nicotinic beta 3 Receptor	0%
Nicotinic beta 4 Receptor	0%

Host Animal: Rabbit

Immunogen: Peptide analogue of the carboxyl terminal of the nicotinic alpha 7 receptor attached to a carrier protein.

Format: Neat, Lyophilized
Reconstitute with 0.1 mL PBS containing 10 mg/mL BSA or with additional buffer for more dilute antisera.

Purification: Not Applicable

Concentration: Not Determined

Buffer: Not Applicable

Preservative: None

Applications: Suitable for Immunocytochemical and Western Immunoblotting detection of the receptor. Has been found to stain PLP fixed cells known to express the nicotinic alpha 7 receptor using ABC techniques at a dilution of 1:400. Western Immunoblots using tissue homogenates have been successful at a 1:800 dilution and yield a single band at 63 kDa. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Lyophilized: Store at 2-8°C (preferably in a dessicator).
Reconstituted: Aliquot and store at –20°C.

Robert Ott

25 Nov 2015

Signature   Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY