

CERTIFICATE OF ANALYSIS

Catalog #: Q4A161R **Lot #:** 20I25904

Description: Rabbit anti Nicotinic α 3 Rec.
Rabbit Antibody to Human Nicotinic alpha 3 (carboxyl terminal) Receptor (amino acids 496–503)

Specificity: Cross-reactivity:
Nicotinic alpha 3 receptor (496–503) 100%
Nicotinic alpha 3 receptor ~90%
Nicotinic alpha 4 receptor 0%
Nicotinic alpha 5 receptor 0%
Nicotinic alpha 7 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 3 receptor (residues # 496–503) attached to a carrier protein.

Format: Purified, Lyophilized.
Reconstitute with 0.1ml of PBS which contains 10mg/ml BSA or with additional buffer for more dilute antibody.

Purification: Precipitation, dialysis and chromatography.

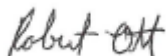
Concentration: 1.11mg in 100ul (prior to lyophilization)

Buffer: Not applicable.

Preservative: None

Applications: The whole antisera has been characterized by Western blotting, ELISA, and cell staining techniques. Suitable for immunocytochemical and Western immunoblotting detection of the receptor. This antibody has been found to stain PLP fixed cells known to express the nicotinic alpha 3 receptor using ABC techniques at a concentration of 20ug/ml. Western blots using tissue homogenates have been successful at a concentration of 25ug/ml and yield a single band at 59kDa.

Storage: Store lyophilized product at 2–8°C (preferably in a dessicator). After reconstitution, aliquot and store at -20°C.



Signature

20 September 2013

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY