

CERTIFICATE OF ANALYSIS

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

Catalog #: Q4A125R **Lot #:** 3J29900

Description: Rabbit A'Nicotinic alpha 5 Rec.
Rabbit Antibody to Human Nicotinic alpha 5 (Carboxyl Terminal) Receptor (Residues 460-468)

Specificity: Cross-reactivity:

Nicotinic alpha 5 receptor (460-468)	100%
Nicotinic alpha 5 receptor	~95%
Nicotinic alpha 3 receptor	0%
Nicotinic alpha 4 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 5 receptor (a.a. 460-468) attached to a carrier protein.

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

Purification: Not Applicable

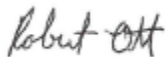
Concentration: Not Determined

Buffer: Not Applicable

Preservative: None

Applications: This antisera has been characterized by Western Blotting, ELISA, and cell staining techniques. Suitable for Immunocytochemical and Western Immunoblotting detection of the receptor. This antiserum has been found to stain fixed cells known to express the nicotinic alpha 5 receptor using ABC techniques at a 1:400 dilution. Western Immunoblots using tissue homogenates have been successful at a 1:1,600 dilution and yield a single band at 60 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: Store lyophilized product at 2-8°C (preferably in a desiccator). After reconstitution, aliquot and store at -20°C.



Signature

28 Jul 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY