

Targeting Topics: Recent Scientific References

(continued from page 3)

Effects of cholinergic depletion on neural activity in different laminae of the rat barrel cortex

Herron P, Schweitzer JB
Brain Res 872(1-2):71-76, 2000.

Cat. #IT-01 192-SAP 8.0 µg/300 g body weight, nucleus basalis of Meynert

Species: rat

Sustained effect of metrifonate on cerebral glucose metabolism after immunolesion of basal forebrain cholinergic neurons in rats

Bassant MH, Poindessous-Jazat F, Schmidt BH
Eur J Pharmacol 387(2):151-162, 2000.

Cat. #IT-01 192-SAP 134 ng in 0.2 µl, basal forebrain

Species: rat

Development of a method for intraparenchymal infusions of 192 IgG-saporin: a comment on Pizzo *et al.* (1999)

Sarter M, Bruno JP, Miner LH, McGaughy J
J Neurosci Meth 96(2):169-170, 1999.

letter pertaining to use of 192-SAP

Cat. #IT-01 192-SAP

Species: rat

Nerve growth factor (NGF) augments cortical and hippocampal cholinergic functioning after p75NGF receptor-mediated deafferentation but impairs inhibitory avoidance and induces fear-related behaviors

Winkler J, Ramirez GA, Thal LJ, Waite JJ
J Neurosci 20(2):834-844, 2000.

Cat. #IT-01 192-SAP 1.0 or 2.7 µg in 10 µl, intracerebroventricular

Species: rat

Preserved olfactory short-term memory after combined cholinergic and serotonergic lesions using 192 IgG-saporin and 5,7-dihydroxytryptamine in rats

Wirth S, Lehmann O, Bertrand F, Lazarus C, Jeltsch H, Cassel JC
NeuroReport 11:347-350, 2000.

Cat. #IT-01 92-SAP 2 µg, intracerebroventricular

Species: rat



Pain control: breaking the circuit

Hunt SP
Trends Pharmacol Sci 21(8):284-287, 2000.

Cat. #IT-07 SP-SAP Review and analysis of the value of SP-SAP in research and as a therapeutic.

Species: mammalian

In Vivo [¹²⁵I]-Iodobenzovesamicol binding reflects cortical cholinergic deficiency induced by specific immunolesion of rat basal forebrain cholinergic system

Sorger D, Schliebs R, Kampfer I, Rossner S, Heinicke J, Dannenberg C, Georgi P
Nucl Med Bio 27:23-31, 2000.

Cat. #IT-01 192-SAP, 2 µg into each lateral ventricle

Species: rat

The role of cortical cholinergic afferent projections in cognition: impact of new selective immunotoxins

McGaughy J, Everitt BJ, Robbins TW, Sarter M
Behav Brain Res 115(2):251-263, 2000.

Cat. #IT-01 192-SAP and IT-15 ME20.4-SAP, Review and comparison of immunolesioning techniques

Species: multiple

Brainstem noradrenergic control of nociception is abnormal in the spontaneously hypertensive rat

Taylor BK, Roderick RE, Basbaum AI
Neurosci Lett 291:139-142, 2000.

Cat. #IT-03 anti-DBH-SAP, 5 µg

Species: rat

Increased susceptibility to generalized seizures after immunolesions of the basal forebrain cholinergic neurons in rats

Silveira DC, Holmes GL, Schachter SC, Geula C, Schomer DL
Brain Res 878:223-227, 2000.

Cat. #IT-01 192-SAP, 4 µg intracerebroventricular injection

Species: rat

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(www.ATSBio.com) to see a
complete list of references.