

Gabra1-KO

品系全名	C57BL/6Smoc- <i>Gabra1</i> ^{em1Smoc}
目录号	NM-KO-190570
品系状态	胚胎冻存

基因信息

基因名 Gabra1	基因曾用名	Gabra-1, GABAA-alpha1, GABAAR-alpha1
	NCBI ID	14394
	MGI ID	95613
	Ensembl ID	ENSMUSG00000010803
	人类同源基因	GABRA1
	人类同源基因关联疾病	癫痫

品系描述

敲除Gabra1基因exon 4, 建立Gabra1基因敲除小鼠模型。

应用领域: 癫痫研究相关

*使用本品系发表的文献需注明: Gabra1-KO mice (Cat. NO. NM-KO-190570) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

特发性全身性癫痫 Idiopathic Generalized Epilepsy	近似模型的表型	MGI:5433031
	参考文献	Arain FM, Boyd KL, Gallagher MJ, Decreased viability and absence-like epilepsy in mice lacking or deficient in the GABAA receptor alpha1 subunit. Epilepsia. 2012 Aug;53(8):e161-5

特发性震颤 Essential Tremor	近似模型的表型	MGI:5286582 注：该品系需与Cacna1G-KO(NM-KO-2102122)交配才可能获得预期表型
	参考文献	Chang KY, Park YG, Park HY, Homanics GE, Kim J, Kim D, Lack of CaV3.1 channels causes severe motor coordination defects and an age-dependent cerebellar atrophy in a genetic model of essential tremor. Biochem Biophys Res Commun. 2011 Jun 24;410(1):19-23

验证数据

暂无数据