

Rab25-KO

品系全名	C57BL/6Smoc- <i>Rab25</i> ^{em1Smoc}
目录号	NM-KO-191148
品系状态	精子冻存

基因信息

基因名 Rab25	基因曾用名	AV012978
	NCBI ID	53868
	MGI ID	1858203
	Ensembl ID	ENSMUSG00000008601
	人类同源基因	RAB25

品系描述

敲除Rab25基因exon 3-4，建立Rab25基因敲除小鼠模型。

应用领域：已经发现该基因是肿瘤抑制因子和癌基因，

*使用本品系发表的文献需注明: Rab25-KO mice (Cat. NO. NM-KO-191148) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

大肠癌 Colorectal Cancer	近似模型的表型	MGI:4440865 注：该品系需与Smad3-KO(NM-KO-190149)交配才可能获得预期表型
	参考文献	Nam KT, Lee HJ, Smith JJ, Lapierre LA, Kamath VP, Chen X, Aronow BJ, Yeatman TJ, Bhartur SG, Calhoun BC, Condie B, Manley NR, Beauchamp RD, Coffey RJ, Goldenring JR, Loss of Rab25 promotes the development of intestinal neoplasia in mice and is associated with human colorectal adenocarcinomas. J Clin Invest. 2010 Mar;120(3):840-9

家族性腺瘤性息肉病 Familial Adenomatous Polyposis	近似模型的表型	MGI:4440863 注：该品系需与Apc-L850X(NM-KI-200001)交配才可能获得预期表型
	参考文献	Nam KT, Lee HJ, Smith JJ, Lapierre LA, Kamath VP, Chen X, Aronow BJ, Yeatman TJ, Bhartur SG, Calhoun BC, Condie B, Manley NR, Beauchamp RD, Coffey RJ, Goldenring JR, Loss of Rab25 promotes the development of intestinal neoplasia in mice and is associated with human colorectal adenocarcinomas. J Clin Invest. 2010 Mar;120(3):840-9

验证数据

暂无数据