

Akt2-KO

系統名	C57BL/6Smoc- <i>Akt2</i> ^{em15moc}
SMOC番号	NM-KO-190742
維持形態	Embryo cryopreservation

遺伝子の概要

Gene Symbol Akt2	Synonyms	PKB, PKBbeta, AW554154, 2410016A19Rik
	NCBI ID	11652
	MGI ID	104874
	Ensembl ID	ENSMUSG00000004056
	Human Ortholog	AKT2

説明

Exon 3-4 of Akt2 gene was deleted to generate Akt2 knockout mice.

応用分野: Signal Transduction related

*Literature published using this strain should indicate: Akt2-KO mice (Cat. NO. NM-KO-190742) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Type 2 Diabetes Mellitus	表現型	MGI:3629188
	参考文献	Cho H, Mu J, Kim JK, Thorvaldsen JL, Chu Q, Crenshaw EB 3rd, Kaestner KH, Bartolomei MS, Shulman GI, Birnbaum MJ, Insulin resistance and a diabetes mellitus-like syndrome in mice lacking the protein kinase Akt2 (PKB beta). Science. 2001 Jun 1;292(5522):1728-31

Polycystic Ovary Syndrome	表現型	MGI:5429853
	参考文献	Restuccia DF, Hynx D, Hemmings BA, Loss of PKBbeta/Akt2 predisposes mice to ovarian cyst formation and increases the severity of polycystic ovary formation in vivo. Dis Model Mech. 2012 May;5(3):403-11

表現型データ

No data