

Cntnap2-KO

Nomenclature	C57BL/6Smoc- <i>Cntnap2</i> ^{em1Smoc}
Cat. NO.	NM-KO-200932
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Cntnap2	Synonyms	Caspr2, mKIAA0868, 5430425M22Rik
	NCBI ID	66797
	MGI ID	1914047
	Ensembl ID	ENSMUSG00000039419
	Human Ortholog	CNTNAP2

Model Description

Exon 4 of Cntnap2 gene was deleted to generate Cntnap2 knockout mice.

*Literature published using this strain should indicate: Cntnap2-KO mice (Cat. NO. NM-KO-200932) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Cortical Dysplasia-Focal Epilepsy Syndrome	Phenotype(s)	MGI:5295268
	Reference(s)	Penagarikano O, Abrahams BS, Herman EI, Winden KD, Gdalyahu A, Dong H, Sonnenblick LI, Gruver R, Almajano J, Bragin A, Golshani P, Trachtenberg JT, Peles E, Geschwind DH, Absence of CNTNAP2 Leads to Epilepsy, Neuronal Migration Abnormalities, and Core Autism-Related Deficits. Cell. 2011 Sep 30;147(1):235-46

Validation Data

No data

