

Atp7B-KO

Nomenclature	C57BL/6Smoc- <i>Atp7B</i> ^{em1Smoc}
Cat. NO.	NM-KO-2105045
Strain State	Repository Live

Gene Summary

Gene Symbol	Synonyms	tx, WND, Atp7a
	NCBI ID	11979
	MGI ID	103297
	Ensembl ID	ENSMUSG000000006567
	Human Ortholog	ATP7B

Model Description

Using CRISPR/Cas9 technology, exon 2 of Atp7B gene was deleted to generate Atp7B knockout mice.

*Literature published using this strain should indicate: Atp7B-KO mice (Cat. NO. NM-KO-2105045) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Wilson Disease	Phenotype(s)	MGI:3043693
	Reference(s)	Buiakova OI, Xu J, Lutsenko S, Zeitlin S, Das K, Das S, Ross BM, Mekios C, Scheinberg IH, Gilliam TC, Null mutation of the murine ATP7B (Wilson disease) gene results in intracellular copper accumulation and late-onset hepatic nodular transformation. Hum Mol Genet. 1999 Sep;8(9):1665-71

Validation Data

No data