

hSORT1

Nomenclature	C57BL/6Smoc- <i>Sort1</i> ^{em1(hSORT1)Smoc}
Cat. NO.	NM-HU-225035
Strain State	Repository Live

Gene Summary

Gene Symbol Sort1	Synonyms	Ntr3; Ntsr3; AI852375; 2900053A11Rik
	NCBI ID	20661
	MGI ID	1338015
	Ensembl ID	ENSMUSG00000068747
	Human Ortholog	SORT1

Model Description

The endogenous mouse Sort1 gene was replaced by human SORT1 gene.

*Literature published using this strain should indicate: hSORT1 mice (Cat. NO. NM-HU-225035) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

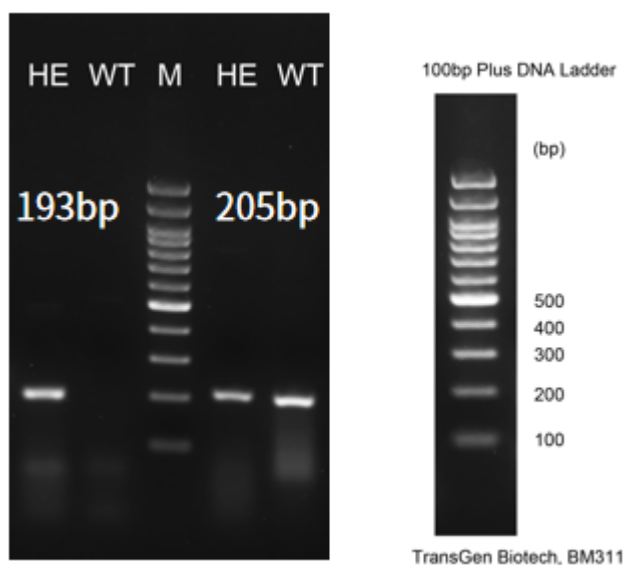


Fig1. Detection of SORT1 expression in lung and colon by RT-PCR.

Wild type: only one band at 205 bp with primers F1/R1(mSort1);

Heterozygous: one band at 205 bp with primers F1/R1(mSort1) and one band at 193 bp with primers F2/R2 (hSORT1).

Abbr.. M, DNA marker; HE, heterozygous; WT, wild type.

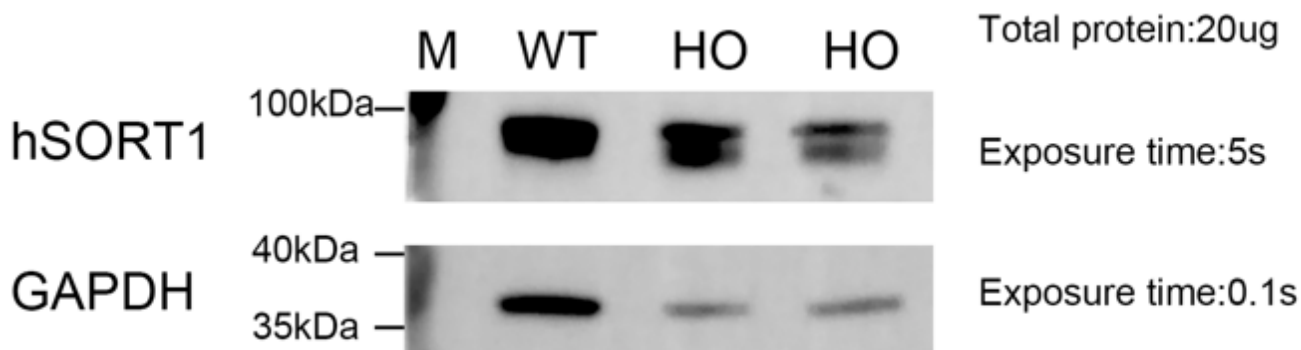


Fig.2 Detection of human SORT1 expression in lung in hSORT1 knockin mice by WB.

Abbr. HO, homozygous; WT, wild type.

Note: The anti-human SORT1 antibody cross-reacted with mouse SORT1 and humanized SORT1.