

hTHPO(NMG)

Nomenclature	NOD- <i>Prkdc</i> ^{scid} <i>Il2rg</i> ^{em1} <i>Thpo</i> ^{tm(hTHPO)Smoc}
Cat. NO.	NM-HU-220429
Strain State	Repository Live

Gene Summary

Gene Symbol Thpo	Synonyms	Ml, Tpo, Mgdf, Mpllg
	NCBI ID	21832
	MGI ID	101875
	Ensembl ID	ENSMUSG00000022847
	Human Ortholog	THPO

Model Description

The hTHPO(NM-HU-2000062) mice were backcrossed to NMG genetic background, to create the new strain of hTHPO(NMG) (NM-HU-220429) mice.

*Literature published using this strain should indicate: hTHPO(NMG) mice (Cat. NO. NM-HU-220429) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

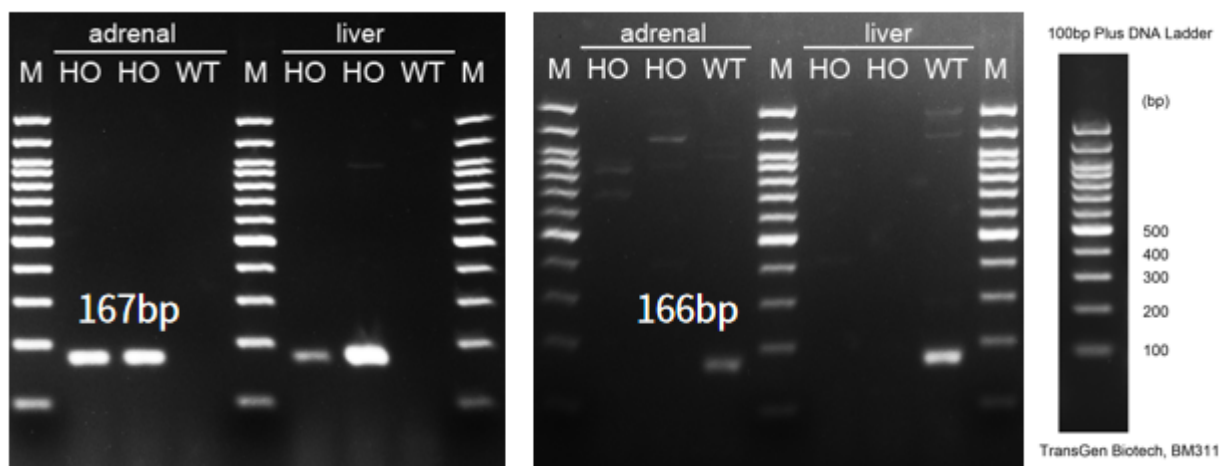


Fig.1 Detection of THPO expression in adrenal and liver by RT-PCR.

Wild type: only one band at 166 bp with primers F1/R1(mThpo);

Homozygous: only one band at 167 bp with primers F2/R2(hTHPO).

Abbr. M, DNA marker; HO, homozygous; WT, wild type.

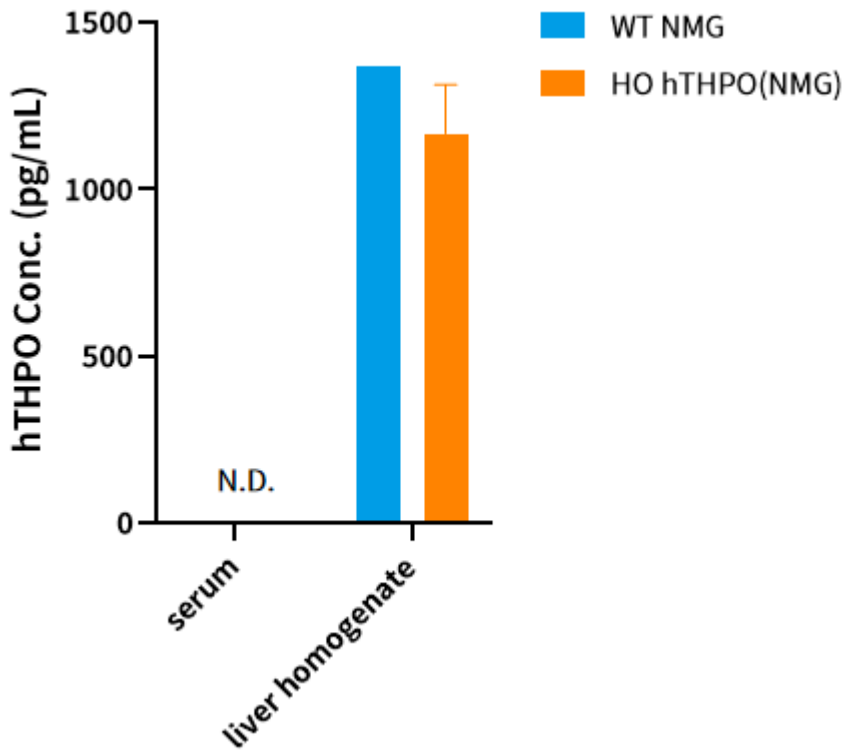


Fig.2 Detection of hTHPO expression in serum and liver homogenate by ELISA (male, 6-11wks).

Abbr. HO, Homozygous; WT, wild type.

Note. hTHPO(NMG) and NMG mice were i.p. injected with LPS. The Human Thrombopoietin ELISA Kit cross-reacted with mouse THPO and humanized THPO.

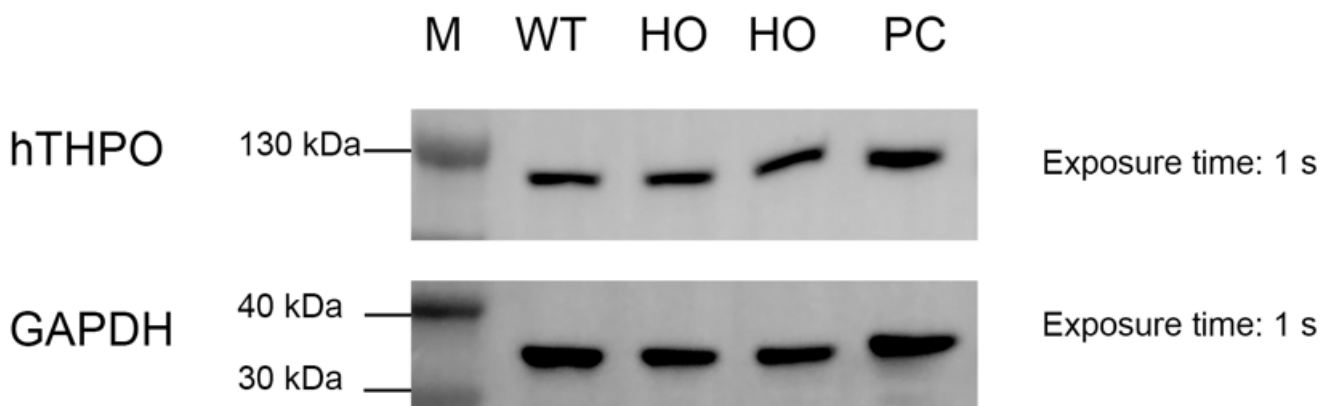


Fig.3 Detection of hTHPO expression in hTHPO(NMG) mice by WB.

Abbr. M, marker; WT, wild type; PC, positive control, Hela cells.

Note. The anti-human THPO Antibody cross-reacted with mouse THPO and humanized THPO.
