

THPO Antibody

Catalog No: #32453

Package Size: #32453-1 50ul #32453-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

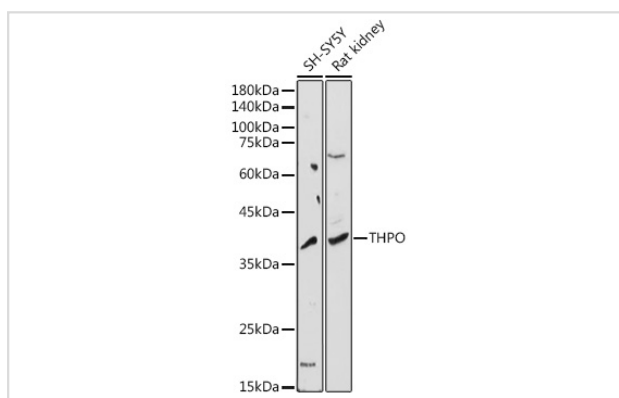
Description

Product Name	THPO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total THPO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human THPO (NP_001171068.1).
Target Name	THPO
Other Names	THPO;MGDF;MKCSF;ML;MPLLG;THCYT1;TPO
Accession No.	Uniprot:P40225GeneID:7066
SDS-PAGE MW	38KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using THPO antibody.

Background

Megakaryocytopoiesis is the cellular development process that leads to platelet production. The main functional protein encoded by this gene is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. This protein is the ligand for

MPL/C_MPL, the product of myeloproliferative leukemia virus oncogene. Mutations in this gene are the cause of thrombocythemia 1. Alternative promoter usage and differential splicing result in multiple transcript variants differing in the 5' UTR and/or coding region. Multiple AUG codons upstream of the main open reading frame (ORF) have been identified, and these upstream AUGs inhibit translation of the main ORF at different extent.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.