

Datasheet for ABIN391803

anti-Thrombopoietin antibody (AA 243-273)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	Thrombopoietin (THPO)
Binding Specificity:	AA 243-273
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thrombopoietin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Thrombopoietin (TPO) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-273 amino acids from the Central region of human Thrombopoietin (TPO).
Clone:	RB14597
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Thrombopoietin (THPO)
Alternative Name:	Thrombopoietin (TPO) (THPO Products)

Target Details

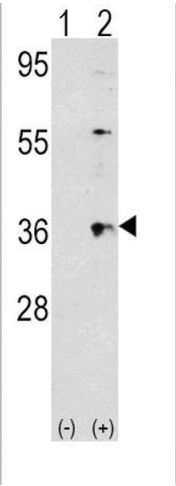
Background:	Megakaryocytopoiesis is the cellular development process that leads to platelet production. THPO is a humoral growth factor that is necessary for megakaryocyte proliferation and maturation, as well as for thrombopoiesis. It is the ligand for MLP/C_MPL, the product of myeloproliferative leukemia virus oncogene.
Molecular Weight:	37823
Gene ID:	7066
NCBI Accession:	NP_000451 , NP_001171068 , NP_001171069
UniProt:	P40225
Pathways:	JAK-STAT Signaling , Hormone Activity

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of THPO (arrow) using rabbit polyclonal THPO Antibody (Center) (ABIN391803 and ABIN2841657). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the THPO gene (Lane 2) (Origene Technologies).