

Datasheet for ABIN391802

anti-Thrombopoietin antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	Thrombopoietin (THPO)
Binding Specificity:	AA 300-329, C-Term
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 300-329 amino acids from the C-terminal region of human Thrombopoietin (TPO).
Clone:	RB14599
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.

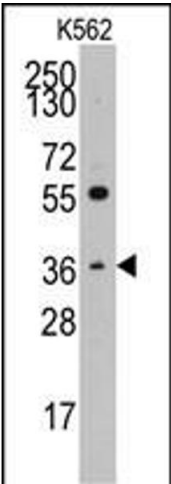
Preservative: Sodium azide

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 anti-THPO(C-term) Pab (ABIN391802 and ABIN2841656) in K562 cell line lysates (35 µg/lane). THPO(arrow) was detected using the purified Pab.