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Datasheet for ABIN3029127

anti-Thrombopoietin antibody (AA 243-273)

2 Images

Overview

Quantity:	0.4 mL
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), ELISA

Product Details

Immunogen:	A portion of amino acids 243-273 from the human protein was used as the immunogen for this TPO antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	Thrombopoietin (THPO)
Abstract:	THPO Products
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

Target Details

myeloproliferative leukemia virus oncogene.

UniProt: [P40225](#)

Pathways: [JAK-STAT Signaling](#), [Hormone Activity](#)

Application Details

Application Notes: Titration of the TPO antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

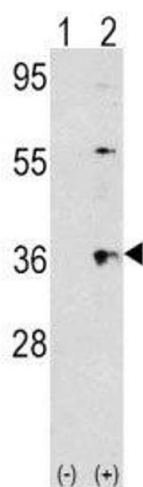
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

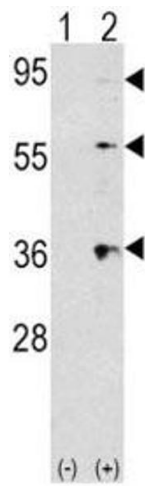
Storage Comment: Aliquot the TPO antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of THPO/ TPO antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the THPO gene (2).



Western Blotting

Image 2. Western blot analysis of THPO/ TPO antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the THPO gene (2). Predicted molecular weight: 38 kDa, routinely observed at 40-55 kDa (unmodified), 80-95 kDa (glycosylated).