

## **Product datasheet for TA344224**

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## Thrombopoietin (THPO) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-THPO antibody: synthetic peptide directed towards the middle

region of human THPO. Synthetic peptide located within the following region:

HELLNGTRGLFPGPSRRTLGAPDISSGTSDTGSLPPNLQPGYSPSPTHPP

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 35 kDa

Gene Name: thrombopoietin

Database Link: NP 000451

Entrez Gene 7066 Human

P40225



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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. THPO is the ligand for MLP/C\_MPL, the product of

myeloproliferative leukemia virus oncogene. Megakaryocytopoiesis is the cellular

development process that leads to platelet production. The 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 MLP/C MPL, the product of

myeloproliferative leukemia virus oncogene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record

to access additional publications.

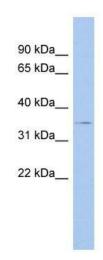
Synonyms: MGDF; MKCSF; ML; MPLLG; THCYT1; TPO

Note: Immunogen Sequence Homology: Human: 100%; Horse: 79%

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Hematopoietic cell lineage

## **Product images:**



WB Suggested Anti-THPO Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control:

MCF7 cell lysate