

## Product datasheet for **TA344224**

### 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: HELLNGTRGLFPGPSRRTLGA <del>PD</del> ISSGTS <del>DT</del> GSLPPNLQPGYSPSP <del>THPP</del>
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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:	<a href="#">NP_000451</a> <a href="#">Entrez Gene 7066 Human P40225</a>



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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