

**Thrombopoietin (TPO) Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7557b**

**Specification**

**Thrombopoietin (TPO) Antibody (C-term) -  
Product Information**

Application	WB,E
Primary Accession	<a href="#">P40225</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	37823
Antigen Region	300-329

**Thrombopoietin (TPO) Antibody (C-term) -  
Additional Information**

**Gene ID** 7066

**Other Names**

Thrombopoietin, C-mpl ligand, ML,  
Megakaryocyte colony-stimulating factor,  
Megakaryocyte growth and development  
factor, MGDF, Myeloproliferative leukemia  
virus oncogene ligand, THPO, MGDF

**Target/Specificity**

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).

**Dilution**

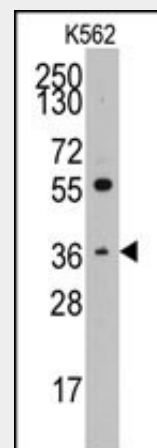
WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS  
with 0.09% (W/V) sodium azide. This  
antibody is prepared by Saturated  
Ammonium Sulfate (SAS) precipitation  
followed by dialysis against PBS.

**Storage**

Maintain refrigerated at 2-8°C for up to 2  
weeks. For long term storage store at -20°C  
in small aliquots to prevent freeze-thaw  
cycles.



Western blot analysis of anti-THPO(C-term)  
Pab (Cat.#AP7557b) in K562 cell line lysates  
(35ug/lane). THPO(arrow) was detected using  
the purified Pab.

**Thrombopoietin (TPO) Antibody (C-term) -  
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.

**Thrombopoietin (TPO) Antibody (C-term) -  
References**

- Baker,J.E.,Cardiovasc. Res. 77 (1), 44-53  
(2008)
- Steinberg,O.,J. Pediatr. Hematol. Oncol. 29  
(12), 822-825 (2007)
- Kanayasu-Toyoda,T.,J. Biol. Chem. 282 (46),  
33507-33514 (2007)

**Precautions**

Thrombopoietin (TPO) Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Thrombopoietin (TPO) Antibody (C-term) - Protein Information**

**Name** THPO

**Synonyms** MGDF

**Function**

Lineage-specific cytokine affecting the proliferation and maturation of megakaryocytes from their committed progenitor cells. It acts at a late stage of megakaryocyte development. It may be the major physiological regulator of circulating platelets.

**Cellular Location**

Secreted.

**Thrombopoietin (TPO) Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)