

Datasheet for ABIN1714401  
**anti-Thrombopoietin antibody (AA 21-120)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	Thrombopoietin (THPO)
Binding Specificity:	AA 21-120
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thrombopoietin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Thrombopoietin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow, Sheep
Purification:	Purified by Protein A.

## Target Details

Target:	Thrombopoietin (THPO)
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## Target Details

Alternative Name:	Thrombopoietin ( <a href="#">THPO Products</a> )
Background:	<p>Synonyms: ML, TPO, MGDF, MKCSF, MPLLG, THCYT1, Thrombopoietin, C-mpl ligand, Megakaryocyte colony-stimulating factor, Megakaryocyte growth and development factor, Myeloproliferative leukemia virus oncogene ligand, THPO</p> <p>Background: 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.</p>
Gene ID:	7066
UniProt:	<a href="#">P40225</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Hormone Activity</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

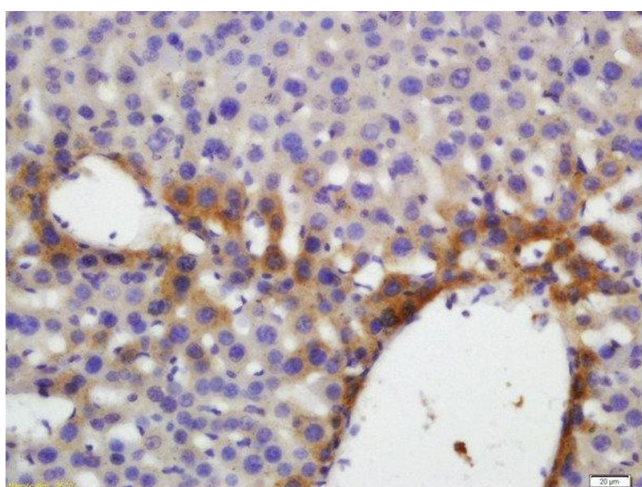
## Handling

Expiry Date: 12 months

## Publications

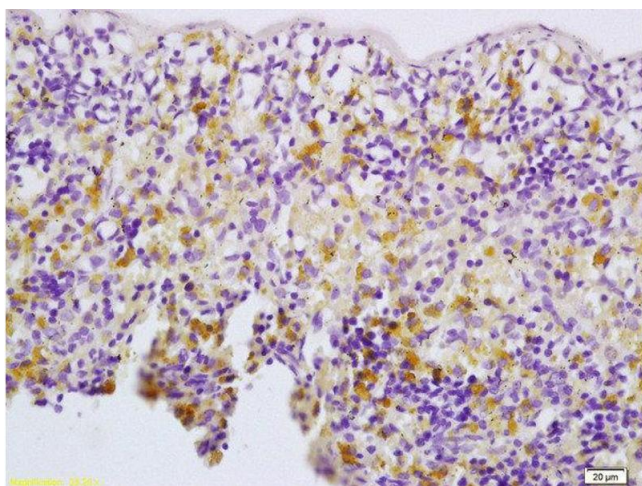
Product cited in: Nakamura-Ishizu, Takubo, Kobayashi, Suzuki-Inoue, Suda: "CLEC-2 in megakaryocytes is critical for maintenance of hematopoietic stem cells in the bone marrow." in: **The Journal of experimental medicine**, Vol. 212, Issue 12, pp. 2133-46, (2015) ([PubMed](#)).

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded mouse liver labeled with Anti-Thrombopoietin Polyclonal Antibody, Unconjugated and DAB staining.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Formalin-fixed and paraffin embedded rat spleen labeled with Anti-Thrombopoietin Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining