

Datasheet for ABIN2787808

anti-Thrombopoietin antibody (Middle Region)[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	Thrombopoietin (THPO)
Binding Specificity:	Middle Region
Reactivity:	Human, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thrombopoietin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human THPO
Sequence:	NLQPGYSPSP THPPTGQYTL FLPPTLPTP VVQLHPLLPD PSAPTPTPTS
Predicted Reactivity:	Dog: 83%, Human: 100%, Rabbit: 90%
Characteristics:	This is a rabbit polyclonal antibody against THPO. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Thrombopoietin (THPO)
Alternative Name:	THPO (THPO Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: MGC163194, MGDF, MKCSF, ML, MPLLG, TPO</p> <p>Protein Interaction Partner: APH1A, NUMBL, EP300, MPL,</p> <p>Protein Size: 353</p>
Molecular Weight:	35 kDa
Gene ID:	7066
NCBI Accession:	NM_000460 , NP_000451
UniProt:	P40225
Pathways:	JAK-STAT Signaling , Hormone Activity

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 353 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

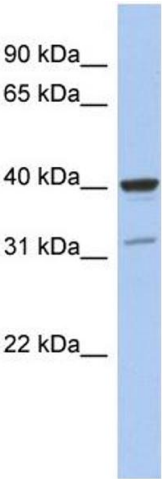
Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Aljehani, Bamzahir, Yousif, Shi: "In vivo reliability of an infrared fluorescence method for quantification of carious lesions in orthodontic patients." in: Oral health & preventive dentistry , Vol. 4, Issue 2, pp. 145-50, (2006) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-THPO Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: MCF7 cell lysate