

## TPO (PT1620R) PT™ Rabbit mAb

CatalogNo: YM9462 **Recombinant** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB,IHC,IF,ELISA

#### MW

- 38kD (Calculated)
- 38kD (Observed)

#### Isotype

- IgG,Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

### Recommended Dilution Ratios

**IHC 1:200-1:1000****WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000**

### Basic Information

**Clonality** Monoclonal**Clone Number** PT1620R

### Immunogen Information

**Specificity** Endogenous

## Target Information

**Gene name** THPO

**Protein Name** Thrombopoietin

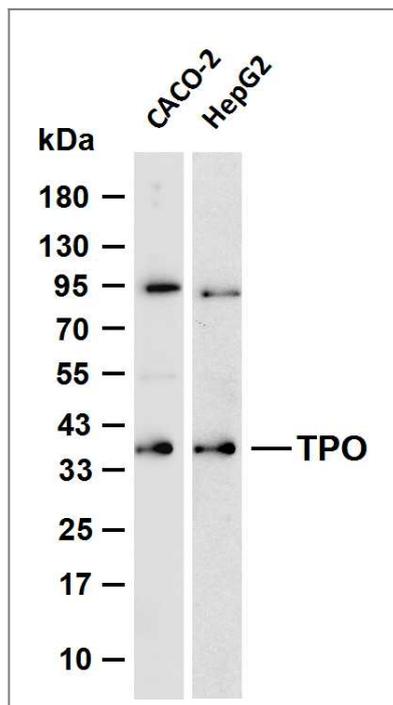
Organism	Gene ID	UniProt ID
Human	<a href="#">7066;</a>	<a href="#">P40225;</a>
Mouse	<a href="#">21832;</a>	<a href="#">P40226;</a>
Rat	<a href="#">81811;</a>	<a href="#">P49745;</a>

**Cellular Localization** Secreted.

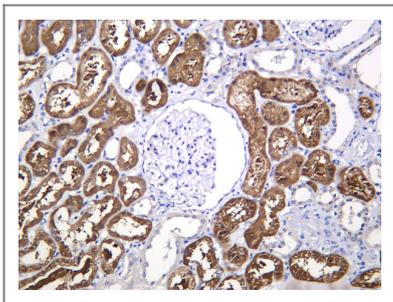
**Tissue specificity** Brain,Fetal liver,Liver,Placenta,

**Function** Disease:Defects in THPO are a cause of essential thrombocythemia (ET) [MIM:187950]. ET is inherited as an autosomal dominant trait which is characterized by elevated platelet levels due to sustained proliferation of megakaryocytes, and frequently lead to thrombotic and haemorrhagic complications.,Domain:Two-domain structure with an erythropoietin-like N-terminal and a Ser/Pro/Thr-rich C-terminal.,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.,similarity:Belongs to the EPO/TPO family.,

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-TPO (PT1620R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: CACO-2 Lane 2: HepG2 Predicted band size: 38kDa Observed band size: 38kDa



Human kidney was stained with anti-TPO (PT1620R) Rabbit antibody

## Contact information

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Rabbit mAb**

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