

## Thrombospondin 1 Rabbit pAb

CatalogNo: YT6293

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC

#### MW

- 130kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from human Thrombospondin 1

**Specificity** This antibody detects endogenous levels of human Thrombospondin 1

### Target Information

**Gene name** THBS1 TSP TSP1

<b>Protein Name</b>	Thrombospondin 1		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">7057</a> ;	<a href="#">P07996</a> ;
<b>Cellular Localization</b>	Secreted . Cell surface . Secreted, extracellular space, extracellular matrix . Endoplasmic reticulum . Sarcoplasmic reticulum . Secreted by thrombin-activated platelets and binds to the cell surface in the presence of extracellular Ca(2+) (PubMed:6777381). Incorporated into the extracellular matrix of fibroblasts (PubMed:6341993). Also detected in the endoplasmic reticulum and sarcoplasmic reticulum where it plays a role in the ER stress response (By similarity). .		
<b>Tissue specificity</b>	Aorta endothelial cell,Endothelial cell,Liver,Plasma,Platelet,Saliva,		
<b>Function</b>	Function:Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1, alpha-V/beta-3 and alpha-IIb/beta-3.,similarity:Belongs to the thrombospondin family.,similarity:Contains 1 TSP C-terminal (TSPC) domain.,similarity:Contains 1 TSP N-terminal (TSPN) domain.,similarity:Contains 1 VWFC domain.,similarity:Contains 3 EGF-like domains.,similarity:Contains 3 TSP type-1 domains.,similarity:Contains 8 TSP type-3 repeats.,subunit:Homotrimer; disulfide-linked.,		

## Validation Data

## Contact information

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
 Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
 Telephone: 400-8787-807(China)  
 Website: <http://www.immunoway.com.cn>  
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**Thrombospondin 1**  
**Rabbit pAb**

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