

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

Protein Name	Thrombospondin 1		
	Organism	Gene ID	UniProt ID
	Human	7057 ;	P07996 ;
Cellular Localization	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). .		
Tissue specificity	Aorta endothelial cell,Endothelial cell,Liver,Plasma,Platelet,Saliva,		
Function	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@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 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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