

## Thrombospondin 2 Rabbit pAb

CatalogNo: YT5698

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IF, ELISA

#### MW

- 130kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:500-1:2000.ELISA 1:10000.IF 1:50-200

### 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** The antiserum was produced against synthesized peptide derived from the C-terminal region of human THBS2. AA range:1000-1050

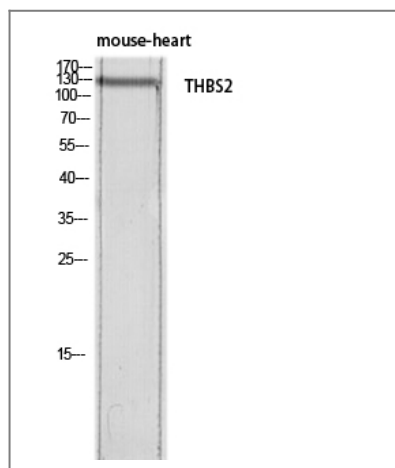
**Specificity** Thrombospondin 2 Polyclonal Antibody detects endogenous levels of Thrombospondin 2 protein.

### Target Information

**Gene name** THBS2

<b>Protein Name</b>	Thrombospondin-2		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">7058;</a>	<a href="#">P35442;</a>
	Mouse	<a href="#">21826;</a>	<a href="#">Q03350;</a>
<b>Cellular Localization</b>	extracellular region,basement membrane,extracellular matrix,platelet alpha granule,		
<b>Tissue specificity</b>	High expression in invertebral disk tissue.		
<b>Function</b>	Disease:Genetic variations in THBS2 may be a cause of susceptibility to lumbar disk herniation (LDH) [MIM:603932]. LDH is the predominant cause of low-back pain and unilateral leg pain.,Function:Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, fibronectin, laminin and type V collagen.,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.,tissue specificity:High expression in invertebral disk tissue.,		

## Validation Data



Western blot analysis of mouse-heart lysis using THBS2 antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
 Support: [tech@immunoway.com](mailto: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



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