

# Thrombospondin 2 Rabbit pAb

Thrombospondin 2 Rabbit pAb

Catalog # AP52195

## Product Information

---

|                                |                                                                                                                                                                                                                                                                                          |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>             | WB                                                                                                                                                                                                                                                                                       |
| <b>Primary Accession</b>       | <a href="#">P35442</a>                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                    |
| <b>Predicted</b>               | Rat, Mouse, Horse                                                                                                                                                                                                                                                                        |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                   |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                                                                                                               |
| <b>Calculated MW</b>           | 129991                                                                                                                                                                                                                                                                                   |
| <b>Physical State</b>          | Liquid                                                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>               | KLH conjugated synthetic peptide derived from human Thrombospondin 2                                                                                                                                                                                                                     |
| <b>Epitope Specificity</b>     | 201-300/1172                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>                  | affinity purified by Protein A                                                                                                                                                                                                                                                           |
| <b>Buffer</b>                  | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                        |
| <b>DISEASE</b>                 | Genetic variations in THBS2 may be a cause of susceptibility to intervertebral disk disease (IDD) [MIM:603932]; also known as lumbar disk herniation (LDH). IDD is one of the most common musculo-skeletal disorders and the predominant cause of low-back pain and unilateral leg pain. |
| <b>Important Note</b>          | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.                                                                                                                                                                |
| <b>Background Descriptions</b> | Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, fibronectin, laminin and type V collagen.                                                                                                                                      |

## Additional Information

---

|                    |                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 7058                                                                                                                                                                                            |
| <b>Other Names</b> | Thrombospondin-2, THBS2, TSP2                                                                                                                                                                   |
| <b>Dilution</b>    | WB=1:500-2000                                                                                                                                                                                   |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

---

|                 |       |
|-----------------|-------|
| <b>Name</b>     | THBS2 |
| <b>Synonyms</b> | TSP2  |

**Function** Adhesive glycoprotein that mediates cell-to-cell and cell-to- matrix interactions. Ligand for CD36 mediating antiangiogenic properties.

**Tissue Location** High expression in intervertebral disk tissue.

## Background

---

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

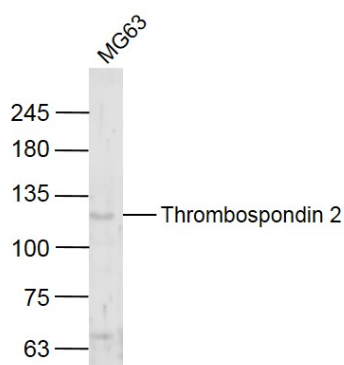
## References

---

Labell T.L.,et al.Genomics 17:225-229(1993).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Mungall A.J.,et al.Nature 425:805-811(2003).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Labell T.L.,et al.Genomics 12:421-429(1992).

## Images

---



Sample:  
MG63(Human) Cell Lysate at 40 ug  
Primary: Anti-Thrombospondin 2 (AP52195) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 128 kD  
Observed band size: 128 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.