

## THBS1 Rabbit pAb

Catalog Number: bs-2715R

Target Protein: THBS1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Zebrafish (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Horse)

Predicted MW: 129 kDa

Entrez Gene: 7057

Swiss Prot: P07996

Source: KLH conjugated synthetic peptide derived from human TSP-1: 801-900/1170.

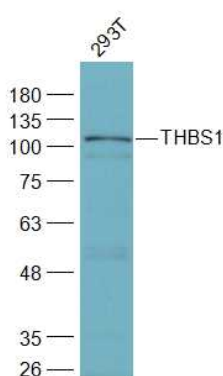
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

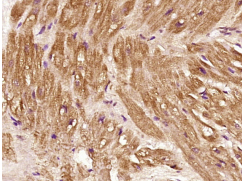
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. [provided by RefSeq].

### VALIDATION IMAGES



Sample: 293T(Human) Cell Lysate at 30 ug Primary: Anti-THBS1 (bs-2715R) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 129 kD Observed band size: 129 kD



Paraformaldehyde-fixed, paraffin embedded (human myocardial tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (THBS1) Polyclonal Antibody, Unconjugated (bs-2715R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

## PRODUCT SPECIFIC PUBLICATIONS

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[IF=7.7] Yufang Niu. et al. The long noncoding RNA lncMPD2 inhibits myogenesis by targeting the miR-34a-5p/THBS1 axis. INT J BIOL MACROMOL. 2024 Aug;275:133688 WB ; Chicken . 38971281

[IF=7.2] Zheng Zeng. et al. Enterolactone and trabectedin suppress epithelial ovarian cancer synergistically via upregulating THBS1. PHYTOTHER RES. 2023 Jul;: WB ; Mouse . 37443453

[IF=5.6] Maggie Lutz. et al. Therapeutic Targeting of the GSK3 $\beta$ -CUGBP1 Pathway in Myotonic Dystrophy. INT J MOL SCI. 2023 Jan;24(13):10650 WB ; Mouse . 37445828

[IF=4.803] Duan F et al. THBS1 regulates trophoblast fusion through a CD36-dependent inhibition of cAMP, and its upregulation participates in preeclampsia. Genes & Diseases, (2020), S2352304220300726-. WB ; Human . 10.1016/j.gendis.2020.05.007

[IF=4.932] Qifeng Deng. et al. Cordycepin enhances anti-tumor immunity in colon cancer by inhibiting phagocytosis immune checkpoint CD47 expression. Int Immunopharmacol. 2022 Jun;107:108695 WB ; Mouse . 35305385