

## THBS2 polyclonal antibody

Catalog: BS71288

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The Thrombospondin proteins (TSP 1-5) compose a family of glycoproteins that are involved in cell-to-cell and cell-to-matrix signaling. These extracellular, cell-surface proteins form complexes of both homo- and hetero-multimers. Thrombospondins play a role in development, aggregation of platelets, adhesion and migration of cells and progression of cells through the growth cycle. Thrombospondin 1 is released from platelets in response to Thrombin stimulation and is a transient component of the extracellular matrix of developing and repairing tissues. Thrombospondin 2 shares a high degree of homology with Thrombospondin 1, and is thought to have overlapping but unique functions. Thrombospondin 3 is a developmentally regulated heparin-binding protein. Thrombospondin 4 is neuronally expressed and stimulates neurite outgrowth.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 129 kDa

### Swiss-Prot:

P35442

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB 1:500 - 1:1000

IHC 1:50 - 1:200

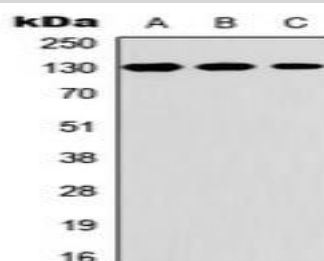
### Storage&Stability:

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

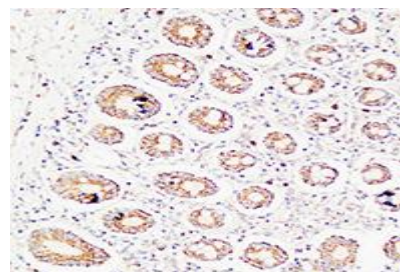
### Specificity:

THBS2 polyclonal antibody detects endogenous levels of THBS2 protein.

### DATA:



Western blot analysis of THBS2 expression in A549 (A), Raw264.7 (B), PC12 (C) whole cell lysates.



Immunohistochemical analysis of THBS2 staining in human colon formalin fixed paraffin embedded tissue section.

### Note:

For research use only, not for use in diagnostic procedure.

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