

**Anti-Human THBS4 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA04075**

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3th Edition

**Description:** THBS4 (Thrombospondin 4) is a Protein Coding gene. Diseases associated with THBS4 include Mycetoma and Myocardial Infarction. Among its related pathways are Notch signaling pathway (KEGG) and Focal Adhesion. GO annotations related to this gene include calcium ion binding and heparin binding. An important paralog of this gene is THBS3. The protein encoded by this gene belongs to the thrombospondin protein family. Thrombospondin family members are adhesive glycoproteins that mediate cell-to-cell and cell-to-matrix interactions. This protein forms a pentamer and can bind to heparin and calcium. It is involved in local signaling in the developing and adult nervous system, and it contributes to spinal sensitization and neuropathic pain states. This gene is activated during the stromal response to invasive breast cancer. It may also play a role in inflammatory responses in Alzheimer's disease. Alternative splicing results in multiple transcript variants.

**Antigen:** Synthesized peptide derived from the Internal region of human Thrombospondin 4

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**