

Thrombospondin 4 Polyclonal Antibody

Catalog No: YT4646

Reactivity: Human; Rat; Mouse;

Applications: WB;IHC;IF;ELISA

Target: Thrombospondin 4

Fields: >>Phagosome;>>PI3K-Akt signaling pathway;>>Focal adhesion;>>ECM-

receptor interaction;>>Malaria;>>Human papillomavirus infection

Gene Name: THBS4

Protein Name: Thrombospondin-4

P35443

Q9Z1T2

Human Gene Id: 7060

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

THBS4. AA range:561-610

Specificity: Thrombospondin 4 Polyclonal Antibody detects endogenous levels of

Thrombospondin 4 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000;IHC 1:100-500;IF ICC 1:100-500;ELISA 1:5000-20000

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



-15°C to -25°C/1 year(Do not lower than -25°C) **Storage Stability:** 106kD **Molecularweight:** TGF-beta; Focal adhesion; ECM-receptor interaction; **Cell Pathway: Background:** thrombospondin 4(THBS4) Homo sapiens 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. [provided by RefSeq, Apr 2015], **Function:** function: Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibringen, 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 4 EGF-like domains., similarity: Contains 8 TSP type-3 repeats., subunit: Homopentamer; disulfide-linked., Subcellular Endoplasmic reticulum . Sarcoplasmic reticulum . Secreted . Secreted, extracellular space. Secreted, extracellular space, extracellular matrix. Location: Heart, PNS, Synovium, **Expression:** orthogonal Tag:

Sort:

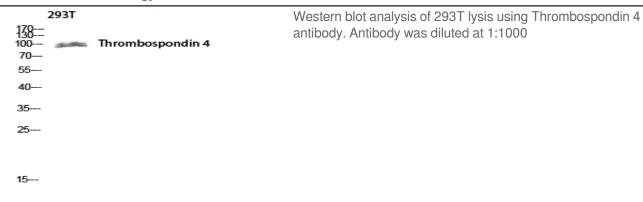
No4: 1

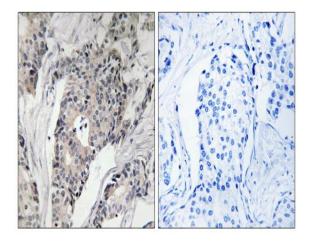
Host: Rabbit

Modifications: Unmodified

Products Images

2/3





Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using THBS4 Antibody. The picture on the right is blocked with the synthesized peptide.