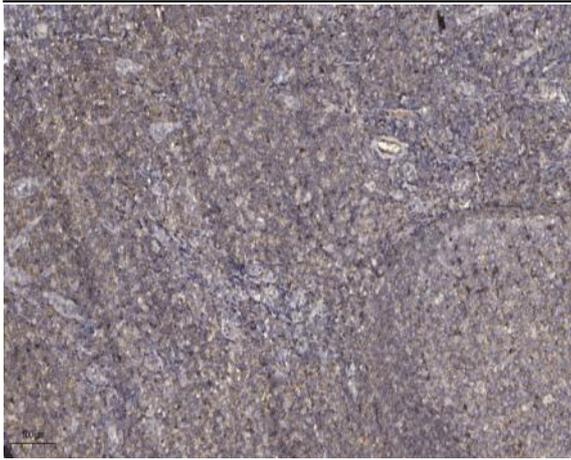


Thrombospondin 1 Polyclonal Antibody

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| Catalog No : | YT6293 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC |
| Target : | Thrombospondin 1 |
| Fields : | >>Rap1 signaling pathway;>>p53 signaling pathway;>>Phagosome;>>PI3K-Akt signaling pathway;>>TGF-beta signaling pathway;>>Focal adhesion;>>ECM-receptor interaction;>>Malaria;>>Human papillomavirus infection;>>Proteoglycans in cancer;>>MicroRNAs in cancer;>>Bladder cancer |
| Gene Name : | THBS1 TSP TSP1 |
| Protein Name : | Thrombospondin 1 |
| Human Gene Id : | 7057 |
| Human Swiss Prot No : | P07996 |
| Immunogen : | Synthesized peptide derived from human Thrombospondin 1 |
| Specificity : | This antibody detects endogenous levels of human Thrombospondin 1 |
| 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 1:50-300 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

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| Observed Band : | 130kD |
| Background : | thrombospondin 1 (THBS1) Homo sapiens 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, Jul 2008], |
| Function : | function:Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1, alpha-V/beta-3 and alpha-IIb/beta-3.,similarity:Belongs to the thrombospondin family.,similarity:Contains 1 TSP C-terminal (TSPC) domain.,similarity:Contains 1 TSP N-terminal (TSPN) domain.,similarity:Contains 1 VWFC domain.,similarity:Contains 3 EGF-like domains.,similarity:Contains 3 TSP type-1 domains.,similarity:Contains 8 TSP type-3 repeats.,subunit:Homotrimer; disulfide-linked., |
| Subcellular Location : | Secreted . Cell surface . Secreted, extracellular space, extracellular matrix . Endoplasmic reticulum . Sarcoplasmic reticulum . Secreted by thrombin-activated platelets and binds to the cell surface in the presence of extracellular Ca(2+) (PubMed:6777381). Incorporated into the extracellular matrix of fibroblasts (PubMed:6341993). Also detected in the endoplasmic reticulum and sarcoplasmic reticulum where it plays a role in the ER stress response (By similarity) . . |
| Expression : | Aorta endothelial cell,Endothelial cell,Liver,Plasma,Platelet,Saliva, |
| Tag : | hot |
| Sort : | 17109 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4 ° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).