

Product datasheet for **AP23121PU-N**

Thrombospondin 1 (THBS1) (19-32) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 3.75 µg/ml.
Reactivity:	Canine, Equine, Goat, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Bovine
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from N-Terminus of human THBS1 (NP_003237.2)
Specificity:	This antibody detects Thrombospondin-1 (THBS1) at N-term.
Formulation:	Tris saline, pH 7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	thrombospondin 1
Database Link:	Entrez Gene 21825 Mouse Entrez Gene 445442 Rat Entrez Gene 7057 Human P07996
Background:	Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp (By similarity). Ligand for CD36 mediating antiangiogenic properties. Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors.
Synonyms:	TSP, TSP1

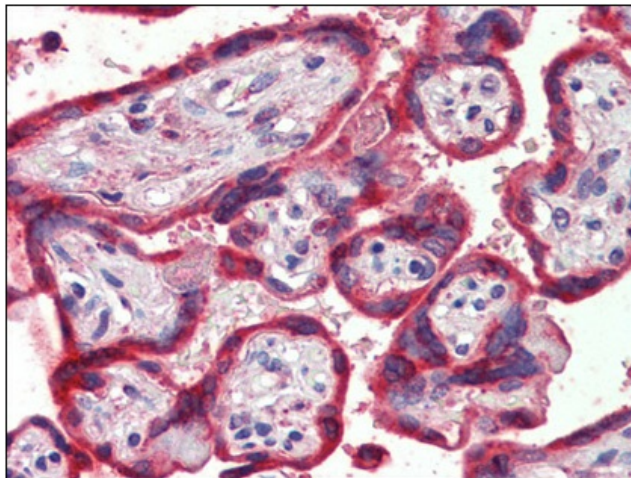


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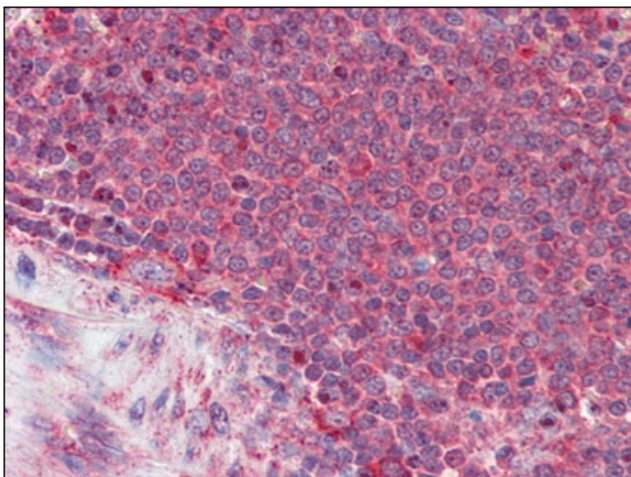
Protein Families: Druggable Genome

Protein Pathways: Bladder cancer, ECM-receptor interaction, Focal adhesion, p53 signaling pathway, TGF-beta signaling pathway

Product images:



Formalin-Fixed, Paraffin-Embedded Human Placenta stained with Thrombospondin-1 Antibody at 3.75 ug/ml after heat-induced antigen retrieval.



Formalin-Fixed, Paraffin-Embedded Human Spleen stained with Thrombospondin-1 Antibody at 3.75 ug/ml after heat-induced antigen retrieval.