

Product Name: Thrombospondin 4 Rabbit Polyclonal Antibody
Catalog #: APRab18894



Summary

Production Name	Thrombospondin 4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	THBS4 TSP4
Alternative Names	Thrombospondin-4
Gene ID	7060.0
SwissProt ID	P35443.Synthetic peptide from human protein at AA range: 551-600

Application

Dilution Ratio	IHC-P 1:50-200, ELISA 1:10000-20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	

Background

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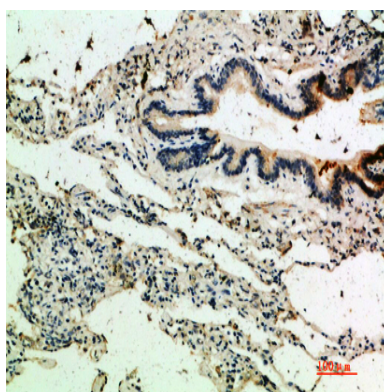


thrombospondin 4 (THBS4) Homo sapiens The protein encoded by this gene belongs to the thrombospondin protein family. Thrombospondin family members are adhesive glycoproteins that mediate cell-to-cell and cell-to-matrix interactions. This protein forms a pentamer and can bind to heparin and calcium. It 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: Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, 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.,

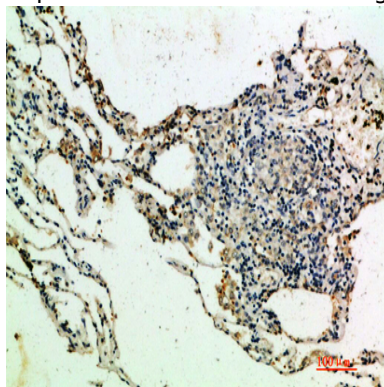
Research Area

TGF-beta; Focal adhesion; ECM-receptor interaction;

Image Data



Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:200



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Note

For research use only.