



Thrombospondin 4 Polyclonal Antibody

Cat #: ABP60677

Size: 30µl /100µl /200µl

Product Information

	Product Name: Thrombospondin 4 Polyclonal Antibody		
	Applications: IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP60677	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: The protein encoded by THBS4 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. THBS4 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. THBS4 (Thrombospondin 4) is a Protein Coding gene. Diseases associated with THBS4 include Mycetoma and Myocardial Infarction. Among its related pathways are Focal Adhesion and PI3K-Akt signaling pathway.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:50-1:200), ELISA (1:10000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

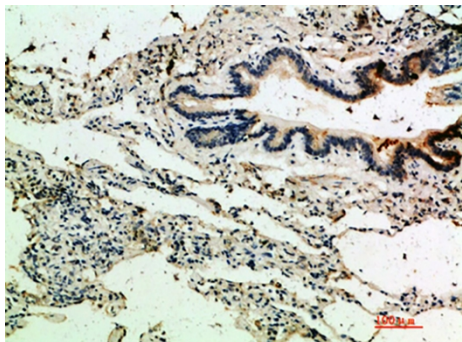


Fig.1. Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:200.

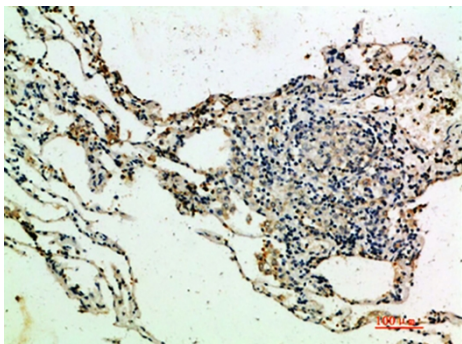


Fig.2. Immunohistochemical analysis of paraffin-embedded human-lung, antibody was diluted at 1:200.

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