



Thrombospondin 4 rabbit pAb

Cat No.:ES7388

For research use only

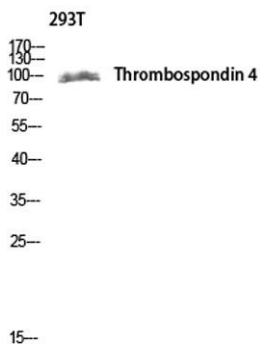
Overview

Product Name	Thrombospondin 4 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:100-500;IF/ICC 1:100-500;ELISA 1:5000-20000
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Thrombospondin-4
Gene Name	THBS4
Cellular localization	Endoplasmic reticulum . Sarcoplasmic reticulum . Secreted . Secreted, extracellular space . Secreted, extracellular space, extracellular matrix .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	7060
Human Swiss-Prot Number	P35443
Alternative Names	THBS4; TSP4; Thrombospondin-4
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],



Western blot analysis of 293T lysis using Thrombospondin 4 antibody. Antibody was diluted at 1:1000

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

