

ARG43707 anti-TSP1 / Thrombospondin 1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TSP1 / Thrombospondin 1
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TSP1 / Thrombospondin 1
Species	Human
Immunogen	Recombinant protein of Human TSP1 / Thrombospondin 1.
Conjugation	Un-conjugated
Alternate Names	TSP1; THBS; THBS-1; Thrombospondin-1; TSP-1; TSP

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200 - 1:500
	IP	1:20 - 1:50
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	160-180 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

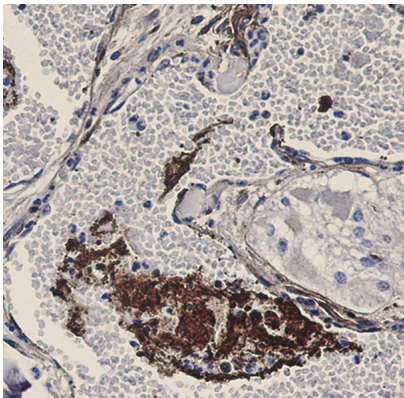
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

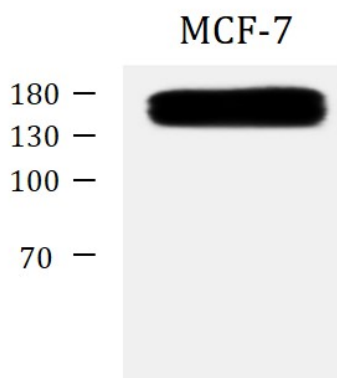
Gene Symbol	THBS1
Gene Full Name	thrombospondin 1
Background	The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, 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	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 (By similarity). [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Developmental Biology antibody; Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	129 kDa

Images



ARG43707 anti-TSP1 / Thrombospondin 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human Cholangiocarcinoma stained with ARG43707 anti-TSP1 / Thrombospondin 1 antibody.



ARG43707 anti-TSP1 / Thrombospondin 1 antibody WB image

Western blot: MCF-7 cell lysates stained with ARG43707 anti-TSP1 / Thrombospondin 1 antibody at 1:1000 dilution.