

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	

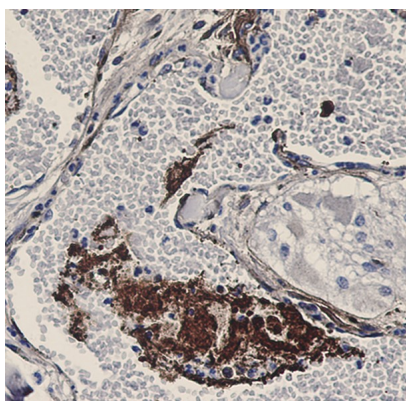
Properties

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.

Bioinformation

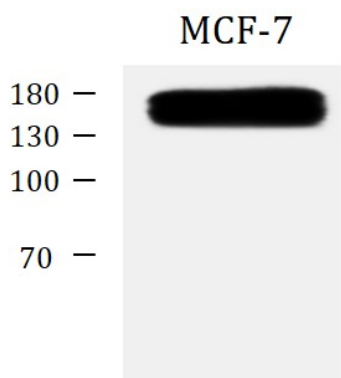
Gene Symbol	THBS1
Gene Full Name	thrombospondin 1
Background	The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, 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.