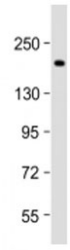
Thrombospondin 1 Antibody (F54088)

Catalog No.	Formulation	Size
F54088-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54088-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P07996
Applications	WB: 1:2000
Limitations	This Thrombospondin 1 antibody is available for research use only.



Western blot testing of Thrombospondin 1 antibody at 1:2000 + human MDA-MB-231 cell lysate. Expected molecular weight ~130/155~200 kDa (unmodified/glycosylated).

Description

Thrombospondin is an 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]

Application Notes

The stated application concentrations are suggested starting points. Titration of the Thrombospondin 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 820-854 from human THBS1 was used as the immunogen for the Thrombospondin 1 antibody.

Storage

Aliquot the Thrombospondin 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.