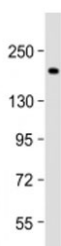


## Thrombospondin 1 Antibody (F54088)

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](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P07996
<b>Applications</b>	Western Blot : 1:2000
<b>Limitations</b>	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.