

Datasheet for ABIN6242670

anti-Thrombospondin 1 antibody (AA 820-854)[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	Thrombospondin 1 (THBS1)
Binding Specificity:	AA 820-854
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Thrombospondin 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This THBS1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 820-854 amino acids from human THBS1.
Clone:	RB58009
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Thrombospondin 1 (THBS1)
Alternative Name:	THBS1 (THBS1 Products)

Target Details

Background:	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).
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Molecular Weight:	129383
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UniProt:	P07996
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Pathways:	Autophagy
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Application Details

Application Notes:	WB: 1:2000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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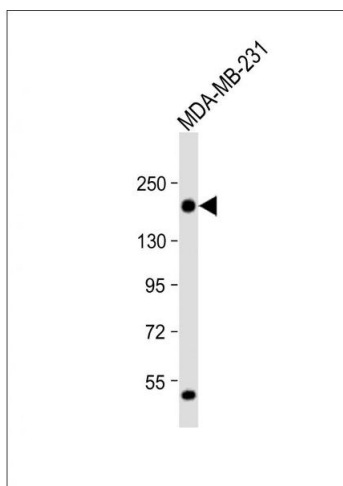
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Expiry Date:	6 months
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Western Blotting

Image 1. Anti-THBS1 Antibody (C-Term) at 1:2000 dilution + MDA-MB-231 whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 129 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.