

DATASHEET

ADAMTS2 Rabbit Polyclonal Antibody

CAT. NO. APA07856

KEY FEATURES

Target	ADAMTS2	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine	Clonality	Polyclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Cleaves the propeptides of type I and II collagen prior to fibril assembly . Does not act on type III collagen . Cleaves lysyl oxidase LOX at a site downstream of its propeptide cleavage site to produce a short LOX form with reduced collagen-binding activity .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:50 - 1:100

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

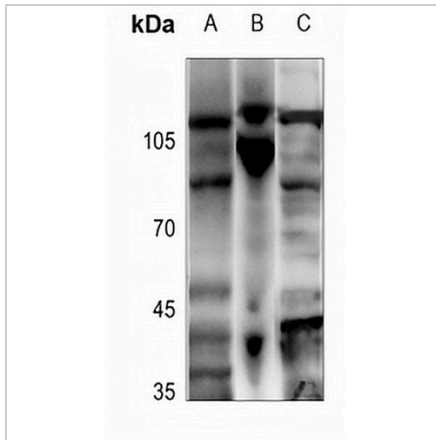
Description	Rabbit polyclonal antibody to ADAMTS2
Specificity	Recognizes endogenous levels of ADAMTS2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human ADAMTS2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 134 kD; Observed: 110 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	PCINP; PCPNI; A disintegrin and metalloproteinase with thrombospondin motifs 2; ADAM-TS 2; ADAM-TS2; ADAMTS-2; Procollagen I N-proteinase; PC I-NP; Procollagen I/II amino propeptide-processing enzyme; Procollagen N-endopeptidase; pNPI
Gene Symbol	ADAMTS2
Entrez Gene	9509(Human); 216725(Mouse)
SwissProt	O95450(Human); Q8C9W3(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

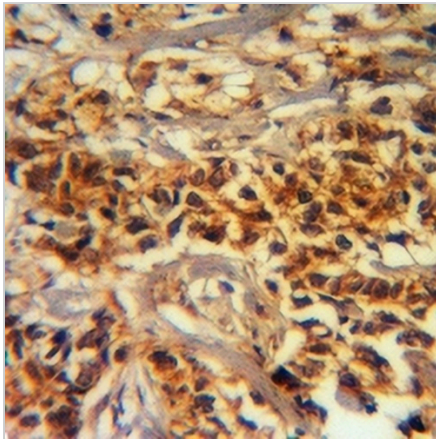
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of ADAMTS2 expression in C6 (A), CT26 (B), HeLa (C) whole cell lysates. (Predicted band size: 134 kD; Observed band size: 110 kD)



Immunohistochemical analysis of ADAMTS2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.