

Datasheet for ABIN7142890

anti-ADAMTS5 antibody (AA 535-646)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ADAMTS5
Binding Specificity:	AA 535-646
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 5 protein (535-646AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ADAMTS5
Alternative Name:	ADAMTS5 (ADAMTS5 Products)
Background:	Background: Cleaves aggrecan, a cartilage proteoglycan, at the '\\392-Glu- Ala-393\\' site,

Target Details

and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. May play a role in proteolytic processing mostly during the peri-implantation period.

Aliases: A disintegrin and metalloproteinase with thrombospondin motifs 11 antibody, A disintegrin and metalloproteinase with thrombospondin motifs 5 antibody, A disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif 5 antibody, A disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase 2) antibody, A disintegrin-like and metalloprotease with thrombospondin type 1 motif, 5 antibody, A Disintegrin And Metalloproteinase with ThromboSpondin motif-5 antibody, ADAM metallopeptidase with thrombospondin type 1 motif 5 antibody, ADAM TS 11 antibody, ADAM TS 5 antibody, ADAM TS5 antibody, ADAM-TS 11 antibody, ADAM-TS 5 antibody, ADAM-TS5 antibody, ADAMTS 11 antibody, ADAMTS 5 antibody, ADAMTS-11 antibody, ADAMTS-5 antibody, ADAMTS11 antibody, ADAMTS11, formerly antibody, Adamts5 antibody, ADMP 2 antibody, ADMP-2 antibody, ADMP2 antibody, Aggrecanase 2 antibody, Aggrecanase-2 antibody, ATS5_HUMAN antibody, FLJ36738 antibody, Implantin antibody, ThromboSpondin motif-5 antibody

UniProt: [Q9UNA0](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

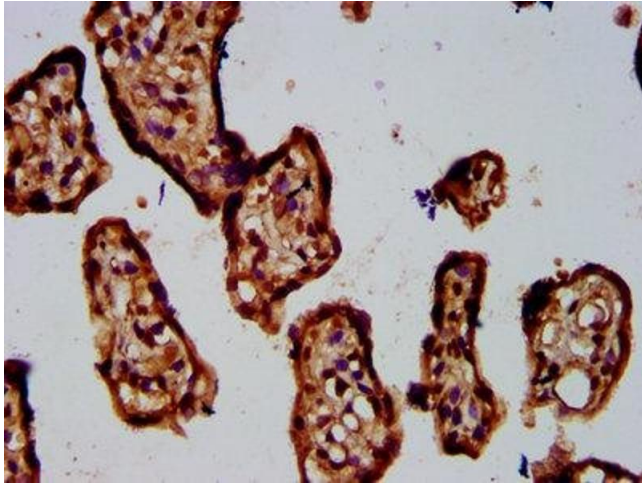
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7142890 diluted at 1:400 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.