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Datasheet for ABIN881372

anti-ADAMTS8 antibody (AA 541-640) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	ADAMTS8
Binding Specificity:	AA 541-640
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAMTS8 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADAMTS8
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Pig, Horse, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ADAMTS8
Alternative Name:	ADAMTS8 (ADAMTS8 Products)
Background:	Synonyms: A disintegrin and metalloproteinase with thrombospondin motifs 8, ADAMTS 8,

Target Details

METH 2, METH 8, METH8, A disintegrin like and metalloprotease reprotolysin type with thrombospondin type 1 mot 8, A disintegrin like and metalloprotease with thrombospondin type 1 mot 8, ADAM metalloproteinase with thrombospondin type 1 mot 8, ADAM TS 8, ADAM TS8, METH2, ATS8_HUMAN.

Background: ADAMTS proteases are secreted enzymes containing a prometalloprotease domain of the reprotolysin type. The ADAMTS proteases function in processing of procollagens and von Willebrand factor as well as catabolism of aggrecan, versican and brevican. They have been demonstrated to have important roles in connective tissue organization, coagulation, inflammation, arthritis, angiogenesis and cell migration. A member of the metalloproteinase family containing disintegrin like domains (ADAMs), the function of ADAMTS8 is still poorly understood. ADAMTS8 contains the canonical HExxHxxxxxH zinc metalloproteinase motif, and has been shown to be proteolytically active on a range of substrates. ADAMTS8 is inhibited by the endogenous MMP inhibitors, TIMP1, 2, 3 and 4, but most efficiently by TIMP3. In addition to the metalloprotease domain, ADAMTS8 has a propeptide domain, a Prohormone Convertase (PC, furin) cleavage site, a cysteine rich domain and thrombospondin 1 like domains.

Gene ID: 11095

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months