

ATS5 Polyclonal Antibody

Cat No: HR1AP12178

For research use only

Overview

Product Name	ATS5 Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	102kDa
GeneID?Human?	ADAMTS5 ADAMTS11 ADMP2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	
Background	<p>ADAM metalloproteinase with thrombospondin type 1 motif 5(ADAMTS5) Homo sapiens This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme contains two C-terminal TS motifs and functions as an aggrecanase that cleaves aggrecan, a major proteoglycan of cartilage, and may mediate cartilage destruction in osteoarthritis. [provided by RefSeq, Feb 2016],</p>