

ATS3 Rabbit Polyclonal Antibody

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Catalog # AP93496

Product Information

Application	WB
Primary Accession	O15072
Reactivity	Rat, Human, Mouse
Host	Polyclonal, Rabbit,IgG
Clonality	Polyclonal
Calculated MW	135603

Additional Information

Gene ID	9508
Other Names	A disintegrin and metalloproteinase with thrombospondin motifs 3, ADAM-TS 3, ADAM-TS3, ADAMTS-3, 3.4.24.-, Procollagen II N-proteinase, PC II-NP, Procollagen II amino propeptide-processing enzyme, ADAMTS3, KIAA0366
Dilution	WB~~1:1000
Storage Conditions	-20°C

Protein Information

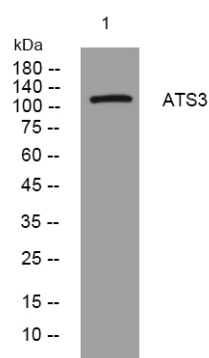
Name	ADAMTS3
Synonyms	KIAA0366
Function	Cleaves the propeptides of type II collagen prior to fibril assembly. Does not act on types I and III collagens.
Cellular Location	Secreted. Secreted, extracellular space, extracellular matrix
Tissue Location	Found in cartilage and skin.

Background

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 protease. This protease, a member of the procollagen aminopropeptidase subfamily of proteins, may play a

role in the processing of type II fibrillar collagen in articular cartilage. [provided by RefSeq, Feb 2016],

Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4°over night

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