

Product datasheet for **AP23310PU-N**

ADAMTS4 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 1 µg/ml.
Reactivity:	Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminal of mouse ADAMTS4
Specificity:	This antibody detects ADAMTS4 at C-term.
Formulation:	5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ State: Aff - Purified State: Lyophilized Ig fraction
Reconstitution Method:	0.2ml of distilled water will yield a concentration of 500µg/ml.
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ADAM metallopeptidase with thrombospondin type 1 motif 4
Database Link:	Entrez Gene 66015 Rat Entrez Gene 240913 Mouse O75173



[View online »](#)

Background:

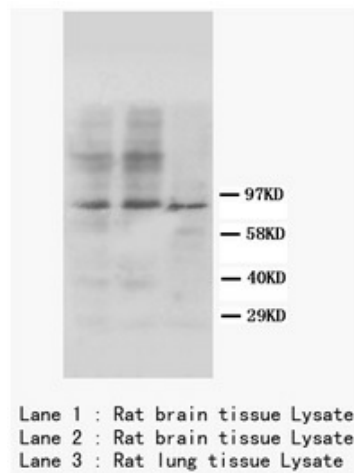
ADAM metalloproteinase with thrombospondin type 1 motif, 4, also known as ADAMTS4, is a human gene. This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS is a novel family of extracellular proteases found in both mammals and invertebrates. Members of the family may be distinguished from the ADAM (adisinintegrin and metalloprotease) family members based on the multiple copies of thrombospondin 1-like repeats they carry. Pratta et al. (2003) concluded that ADAMTS4 is constitutively produced in monolayer chondrocytes, capsular fibroblasts, and cartilage, and that stimulation by interleukin-1 results in aggrecanase activation. Thus, the activator could be a potential target by which to control aggrecanase-mediated degradation in arthritic diseases.

Synonyms:

ADAMTS-4, ADAM-TS4, Aggrecanase-1, ADMP1, ADMP-1, KIAA0688

Protein Families:

Druggable Genome, Protease, Secreted Protein, Transmembrane

Product images:

ADAMTS4 Polyclonal Antibody