

ADAMTS4 Rabbit pAb

货号: B11273

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens , Rattus norvegicus IF: Sus scrofa IHC: Rattus norvegicus
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200
理论分子量	90kDa
实测分子量	90KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	C6,Mouse liver,Mouse testis,Mouse brain,Rat brain
细胞定位	Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 74-318 of human ADAM TS4 (NP_005090.3).
序列	GSGAPARLLCRLQAFGETLLLELEQDSGVQVEGLTVQYLQGAPELLGGAEPGTYLTGTINGDPESVASLHWDGGALLGVL QYRGAELHLQPLEGGTPNSAGGPGAHILRRKSPASGQGPMCNVKAPLGSPSPRPRRAKRFASLSRFVETLVVADDKMAA FHGAGLKRYLLTVMAAAAKAFKHPSIRNPVSLVTRLVLGSGEEGPQVGPSAAQTLRSFCAWQRLNTPEDSDPDHFD T AILFTR

靶点信息

研究背景	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of this 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 enzyme encoded by this gene lacks a C-terminal TS motif. The encoded preproprotein is proteolytically processed to generate the mature protease. This protease is responsible for the degradation of aggrecan, a major proteoglycan of cartilage, and brevican, a brain-specific extracellular matrix protein. The expression of this gene is upregulated in arthritic disease and this may contribute to disease progression through the degradation of aggrecan. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.
基因ID	9507
基因名	ADAMTS4
Swiss	O75173
别名	ADAMTS4;ADAMTS-2;ADAMTS-4;ADMP-1

产品验证

实验步骤

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