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ADAMTS5 Rabbit pAb

货号: AYP11188

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IHC:** Rattus norvegicus , Homo sapiens **WB:** Homo sapiens , Rattus norvegicus , Mus musculus **IF:** Sus scrofa
应用	WB
推荐浓度	**WB:** 1:100 - 1:500 **IF/ICC:** 1:50 - 1:200
理论分子量	101kDa
实测分子量	73KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	THP-1,Mouse testis
细胞定位	Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

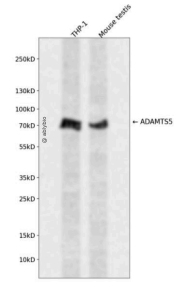
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 731-930 of human ADAMTS5 (NP_008969.2).

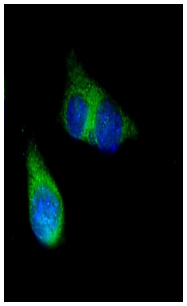
靶点信息

研究背景	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of 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.
基因ID	11096
基因名	ADAMTS5
Swiss	Q9UNA0 (https://www.uniprot.org/uniprotkb/Q9UNA0/entry)
别名	ADAMTS5,ADAM-TS 11,ADAM-TS 5,ADAM-TS5,ADAMTS-11,ADAMTS-5,ADAMTS11,ADMP-2,ADAM-TS11,ADAMTS5 Rabbit pAb,A disintegrin and metalloproteinase with thrombospondin motifs 11,Aggrecanase-2,ADMP2

产品验证



Western blot analysis of ADAMTS5 expressed in THP-1,Mouse testis using ADAMTS5 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunofluorescence analysis of Neuro-2a cells labelling ADAMTS5 with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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