

TIMP2 Rabbit pAb

货号: **AYP17638**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200
理论分子量	24kDa
实测分子量	22KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse testis,Mouse brain,Rat testis
细胞定位	Secreted
纯化	Affinity purification

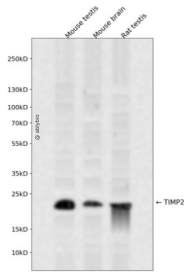
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human TIMP2 (NP_003246.1).
序列	VSLDVGKKKEYLIAGKAEGDGKMHITLCDFIVPWDTLSTTQKSLNHRYQMGCECKITRCPMIPCYISSPDECLWMDWVT EKNINGHQAKFFACIKRSDGS

靶点信息

研究背景	This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the encoded protein may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix.
基因ID	7077
基因名	TIMP2
Swiss	P16035
别名	TIMP2;CSC-21K;DDC8

产品验证



Western blot analysis of TIMP2 expressed in Mouse testis, Mouse brain, Rat testis using TIMP2 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.

实验步骤

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