

Collagen VI Rabbit mAb

货号: **AYM31309**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	108kDa
实测分子量	147kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	SKOV3,HepG2,HT-1080,Mouse heart,Mouse lung,Mouse pancreas
细胞定位	Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

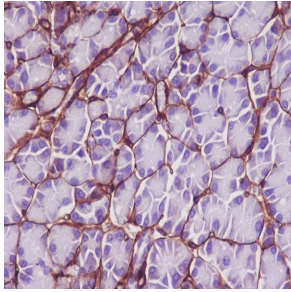
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Collagen VI.
序列	AQDEPETPRAVAFQDCPVDLFFVLDTSESVALRLKPYGALVDKVKSFYKRFIDNLRDRYYRCDRNLVWVWAGALHYSDEVEI IQGLTRMPGGRDALKSSVDAVKYFGKGTYYDCAIKKGLEQLLVGGSHLKENKYLVVTDGHPLEGYKEPCGGLEDVNEA KHLGVKVFVAITPDHLEPRLSIIATDHTYRRNFTAADWQSRDAEEAISQTIDTIVDMIKNNVEQVCCSF

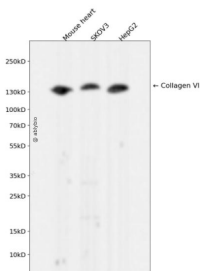
靶点信息

研究背景	The collagens are a superfamily of proteins that play a role in maintaining the integrity of various tissues. Collagens are extracellular matrix proteins and have a triple-helical domain as their common structural element. Collagen VI is a major structural component of microfibrils. The basic structural unit of collagen VI is a heterotrimer of the alpha1(VI), alpha2(VI), and alpha3(VI) chains. The alpha2(VI) and alpha3(VI) chains are encoded by the COL6A2 and COL6A3 genes, respectively. The protein encoded by this gene is the alpha 1 subunit of type VI collagen (alpha1(VI) chain). Mutations in the genes that code for the collagen VI subunits result in the autosomal dominant disorder, Bethlem myopathy.
基因ID	1291
基因名	COL6A1
Swiss	P12109
别名	COL6A1;BTHLM1;OPLL;UCHMD1

产品验证



Immunohistochemical analysis of paraffin-embedded rat pancreas, using Collagen VI Antibody.



Western blot analysis of Collagen VI expressed in Mouse heart, SKOV3, HepG2 using Collagen VI Rabbit mAb 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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