

产品名称: ADCY5/6 Rabbit Polyclonal Antibody
产品货号: APRab00392



产品概述 (Summary)

产品名称 (Production Name)	ADCY5/6 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	ADCY5/ADCY6 ADCY5; Adenylate cyclase type 5; ATP pyrophosphate-lyase 5; Adenylate cyclase type V; Adenylyl cyclase 5; ADCY6; KIAA0422; Adenylate cyclase type 6; ATP pyrophosphate-lyase 6; Adenylate cyclase type VI; Adenylyl cyclase 6; Ca(2+)-inhibitabl
别名 (Alternative Names)	
基因 ID (Gene ID)	111/112
蛋白 ID (SwissProt ID)	O95622/O43306.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	Calculated MW: 139 kDa; Observed MW: 139 kDa

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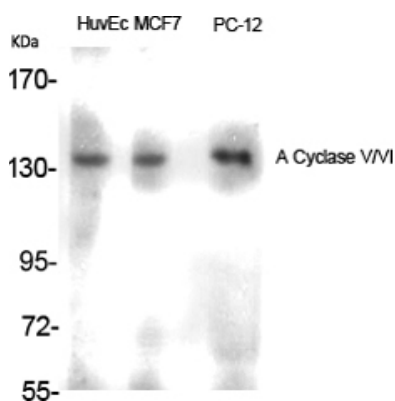
研究背景 (Background)

ADCY5 encodes a member (adenylate cyclase 5) of the membrane-bound adenylyl cyclase enzymes. Adenylyl cyclases mediate G protein-coupled receptor signaling through the synthesis of the second messenger cAMP. Activity of the encoded protein is stimulated by the Gs alpha subunit of G protein-coupled receptors and is inhibited by protein kinase A, calcium and Gi alpha subunits. Single nucleotide polymorphisms in this gene may be associated with low birth weight and type 2 diabetes. Alternatively spliced transcript variants that encode different isoforms have been observed for ADCY5.

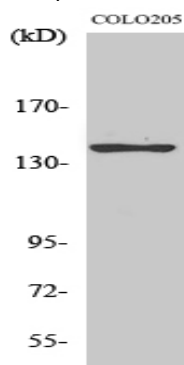
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)

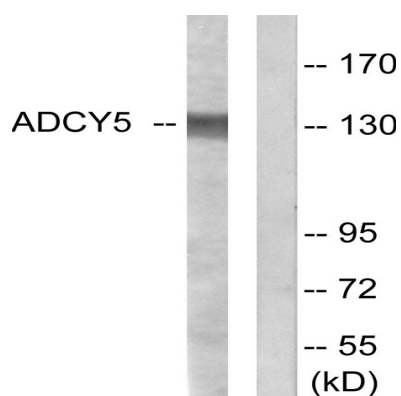


Western blot analysis of ADCY5/6 in various lysates using ADCY5/6 antibody.

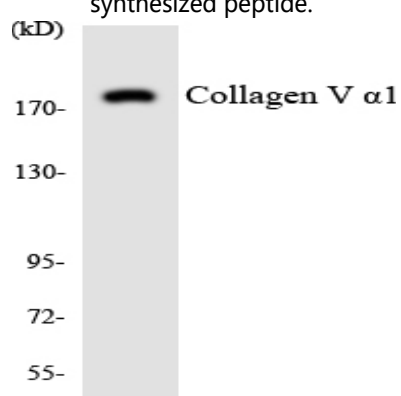


Western blot analysis of ADCY5/6 in COLO205 lysates using A Cyclase V/VI antibody.

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Western blot analysis of ADCY5/6 in COLO25 lysates using ADCY5/6 antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of ADCY5/6 in HUVEC lysates using ADCY5/6 antibody.

注意事项 (Note)

For research use only .