

产品名称: Amylase Rabbit Polyclonal Antibody
产品货号: AP Rab06864



产品概述 (Summary)

产品名称 (Production Name)	Amylase 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% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AMY1A AMY1A; AMY1; AMY1B; AMY1; AMY1C; AMY1; Alpha-amylase 1; 1,4-alpha-D-glucan glucanohydrolase 1; Salivary alpha-amylase; AMY2A; Pancreatic alpha-amylase; PA;1,4-alpha-D-glucan glucanohydrolase; AMY2B; Alpha-amylase 2B; 1,4-alpha-D-glucan glucanohydrolase 2B; Carcinoid alpha-amylase
别名 (Alternative Names)	
基因 ID (Gene ID)	276.0
蛋白 ID (SwissProt ID)	P04745.The antiserum was produced against synthesized peptide derived from the N-terminal region of human AMY1/2. AA range:61-110

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
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蛋白分子量 (Molecular Weight) 60kDa

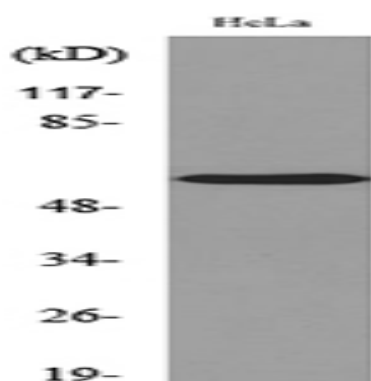
研究背景 (Background)

Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the salivary gland. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008],catalytic activity:Endohydrolysis of (1->4)-alpha-D-glucosidic linkages in oligosaccharides and polysaccharides.,cofactor:Binds 1 calcium ion per subunit.,cofactor:Binds 1 chloride ion per subunit.,online information:Amylase entry,similarity:Belongs to the glycosyl hydrolase 13 family.,subunit:Monomer.,

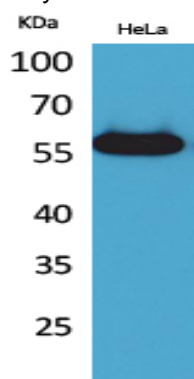
研究领域 (Research Area)

Starch and sucrose metabolism;

图片 (Image Data)

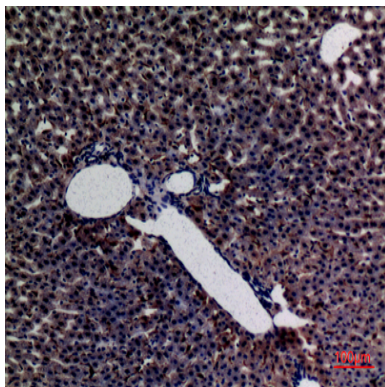


Western blot analysis of lysate from HeLa cells, using AMY1/2 Antibody.

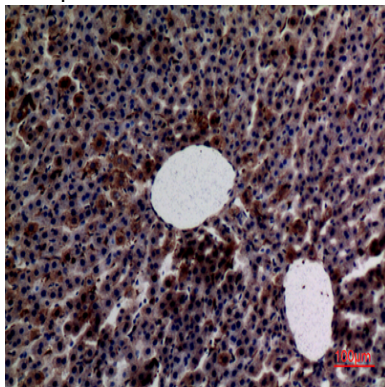


Western Blot analysis of HeLa cells using Amylase Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

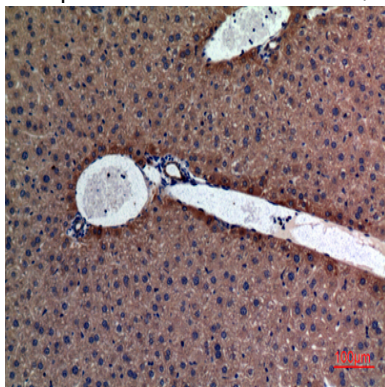
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Immunohistochemical analysis of paraffin-embedded rat-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-liver, antibody was diluted at 1:100

注意事项 (Note)

For research use only .