

产品名称: Macroglobulin α -2 Rabbit Polyclonal Antibody
产品货号: APRab13548



产品概述 (Summary)

产品名称 (Production Name)	Macroglobulin α -2 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,Rat,Mouse

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)	A2M
别名 (Alternative Names)	A2M; CPAMD5; FWP007; Alpha-2-macroglobulin; Alpha-2-M; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 5
基因 ID (Gene ID)	2.0
蛋白 ID (SwissProt ID)	P01023.The antiserum was produced against synthesized peptide derived from the Internal region of human A2M. AA range:871-920

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
蛋白分子量 (Molecular Weight)	170kDa

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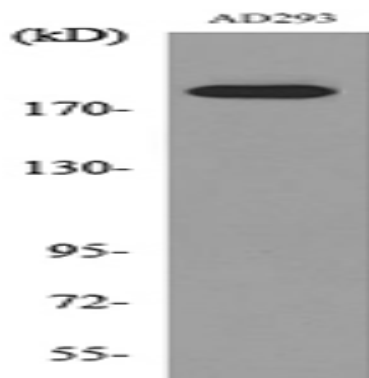
研究背景 (Background)

Alpha-2-macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. A2M is implicated in Alzheimer disease (AD) due to its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits. [provided by RefSeq, Jul 2008],developmental stage:Contrary to the rat protein, which is an acute phase protein, this protein is always present at high levels in circulation.,function:Is able to inhibit all four classes of proteinases by a unique 'trapping' mechanism. This protein has a peptide stretch, called the 'bait region' which contains specific cleavage sites for different proteinases. When a proteinase cleaves the bait region, a conformational change is induced in the protein which traps the proteinase. The entrapped enzyme remains active against low molecular weight substrates (activity against high molecular weight substrates is greatly reduced). Following cleavage in the bait region a thioester bond is hydrolyzed and mediates the covalent binding of the protein to the proteinase.,online information:Alpha-2 macroglobulin entry,similarity:Belongs to the protease inhibitor I39 (alpha-2-macroglobulin) family.,subunit:Homotetramer; disulfide-linked.,tissue specificity:Plasma.,

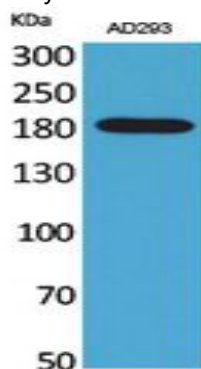
研究领域 (Research Area)

Complement and coagulation cascades;

图片 (Image Data)



Western blot analysis of lysate from AD293 cells, using A2M Antibody.

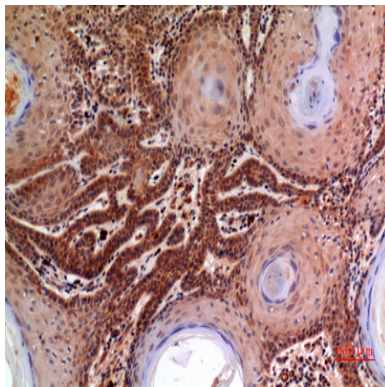


Western Blot analysis of AD293 cells using Macroglobulin α -2 Polyclonal Antibody.. Secondary antibody was diluted at

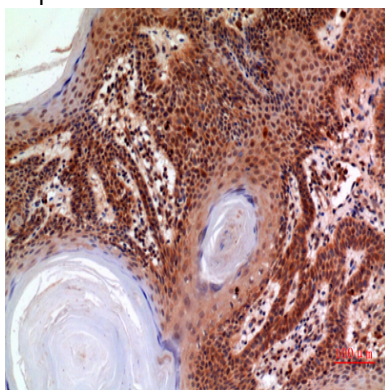
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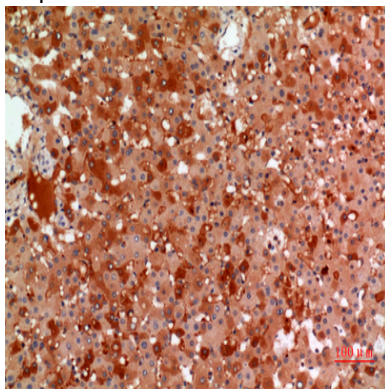
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Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100

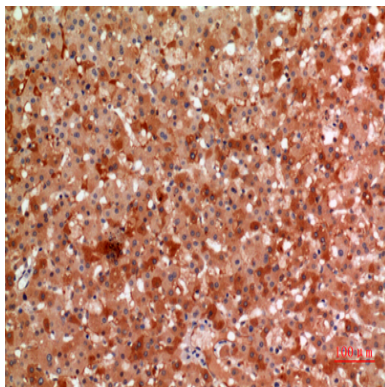


Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100



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

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

注意事项 (Note)

For research use only .