

产品名称: HLA-DQA1 Rabbit Polyclonal Antibody
产品货号: APRab12085



产品概述 (Summary)

产品名称 (Production Name)	HLA-DQA1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human

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)	HLA-DQA1
别名 (Alternative Names)	HLA class II histocompatibility antigen, DQ alpha 1 chain (DC-1 alpha chain; DC-alpha; HLA-DCA; MHC class II DQA1)
基因 ID (Gene ID)	100509457.0
蛋白 ID (SwissProt ID)	P01909. The antiserum was produced against synthesized peptide derived from the Internal region of human HLA-DQA1. AA range: 21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:200, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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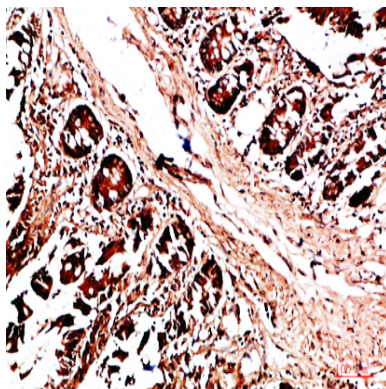
研究背景 (Background)

HLA-DQA1 belongs to the HLA class II alpha chain paralogues. The class II molecule is a heterodimer consisting of an alpha (DQA) and a beta chain (DQB), both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B Lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa. It is encoded by 5 exons; exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and the cytoplasmic tail. Within the DQ molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to four different molecules. Typing for these polymorphisms is routinely done for bone marrow transplantation. Belongs to the MHC class II family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.

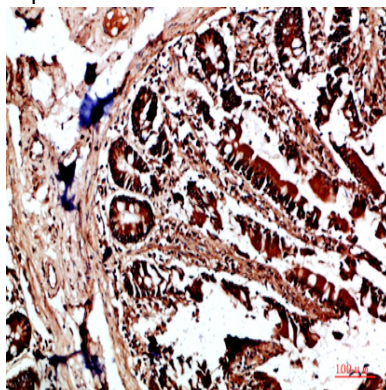
研究领域 (Research Area)

Cell adhesion molecules (CAMs); Antigen processing and presentation; Intestinal immune network for IgA production; Type I diabetes mellitus; Asthma; Autoimmune thyroid disease; Systemic lupus erythematosus; Allograft rejection; Graft-versus-host disease; Viral myocarditis;

图片 (Image Data)

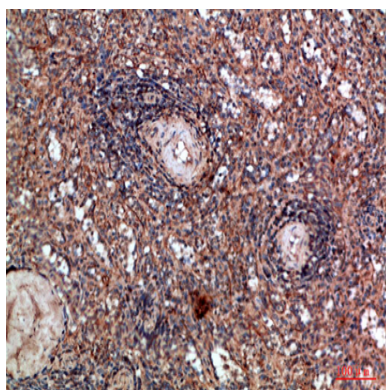


Immunohistochemical analysis of paraffin-embedded human-colon, antibody was diluted at 1:200

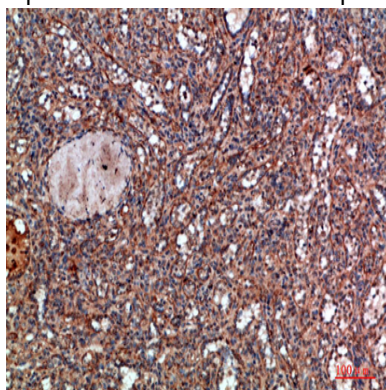


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Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-spleen, antibody was diluted at 1:200

注意事项 (Note)

For research use only .