Product Name: **HLA DQB1/2 Rabbit Polyclonal Antibody**
Catalog #: **APRab00497**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 30 kDa; Observed MW: 30 kDa

Antigen Information

Gene Name	HLA-DQB1/HLA-DQB2
Alternative Names	HLA-DQB1; HLA-DQB; HLA class II histocompatibility antigen; DQ beta 1 chain; MHC class II antigen DQB1; HLA-DQB2; HLA-DXB; HLA class II histocompatibility antigen; DQ beta 2 chainHLA class II histocompatibility antigen; DX beta chain; MHC class II antigen DQB2
Gene ID	3119/3120
SwissProt ID	P01920/P05538
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human HLA-DQB1/HLA-DQB2. AA range:131-180

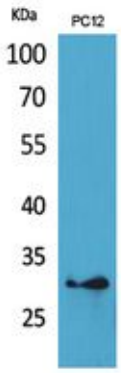
Background

Binds peptides derived from antigens that access the endocytic route of antigen presenting cells (APC) and presents them on the cell surface for recognition by the CD4 T-cells. The peptide binding cleft accommodates peptides of 10-30 residues. The peptides presented by MHC class II molecules are generated mostly by degradation of proteins that access the endocytic route, where they are processed by lysosomal proteases and other hydrolases.

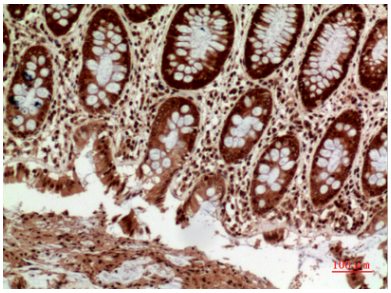
Research Area

Immunology

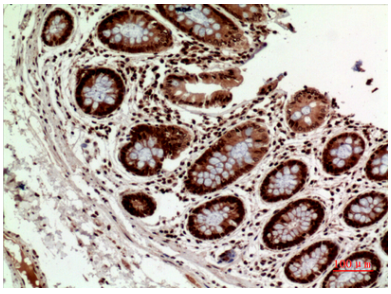
Image Data



Western blot analysis of HLA DQB1/2 in PC-12 lysates using HLA DQB1/2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon using HLA DQB1/2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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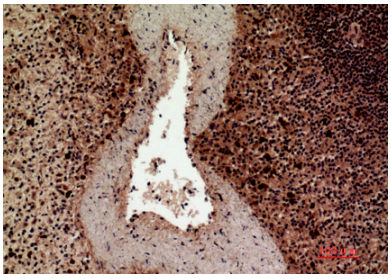

Immunohistochemistry analysis of paraffin-embedded Human spleen using HLA DQB1/2 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.