

Summary

Production Name	HLA DQB1/2 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	HLA-DQB1/HLA-DQB2 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
Alternative Names	
Gene ID	3119/3120
SwissProt ID	P01920/P05538

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000
Molecular Weight	Calculated MW: 30 kDa; Observed MW: 30 kDa

Product Name: HLA DQB1/2 Rabbit Polyclonal Antibody
Catalog #: APRab00497



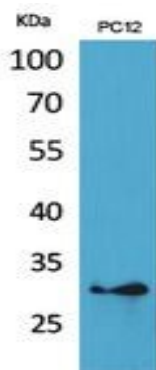
Background

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.

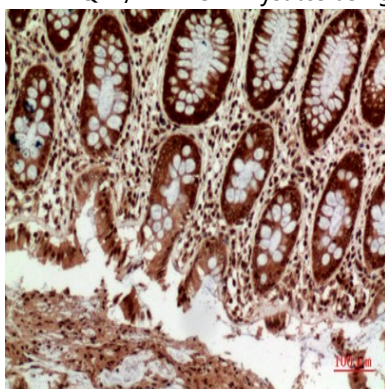
Research Area

Immunology

Image Data

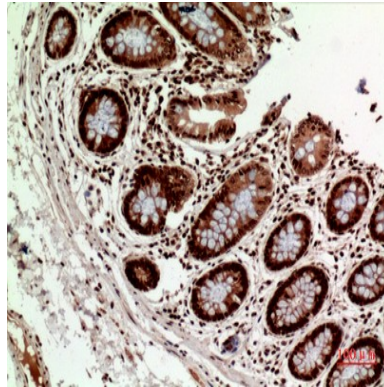


Western blot analysis of HLA DQB1/2 in PC-12 lysates using HLA DQB1/2 antibody.

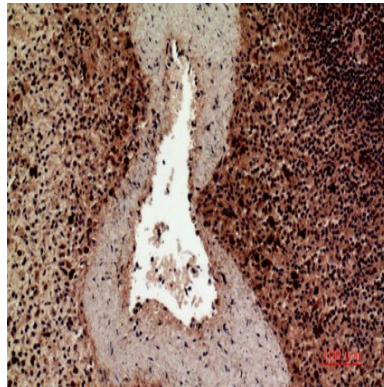


Immunohistochemistry analysis of paraffin-embedded Human colon using HLA DQB1/2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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



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.

Note

For research use only.