

Product datasheet for **TA331096**

HLA-DQA2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HLA-DQA2 antibody: synthetic peptide directed towards the N terminal of human HLA-DQA2. Synthetic peptide located within the following region: GVNFYQSHGPSGQYTHEFDGDEEFYVDLETKETVWQLPMFSKFISFDPQS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	28 kDa
Gene Name:	major histocompatibility complex, class II, DQ alpha 2
Database Link:	NP_064440 Entrez Gene 3118 Human P01906
Background:	This gene belongs to the HLA class II alpha chain family. The encoded protein forms a heterodimer with a class II beta chain. It is located in intracellular vesicles and plays a central role in the peptide loading of MHC class II molecules by helping to release the CLIP molecule from the peptide binding site. Class II molecules are expressed in antigen presenting cells (B lymphocytes, dendritic cells, macrophages) and are used to present antigenic peptides on the cell surface to be recognized by CD4 T-cells.
Synonyms:	DX-ALPHA; HLA-DXA



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Note: Goat: 100%; Human: 100%; Sheep: 100%; Bovine: 100%; Rat: 86%; Rabbit: 86%; Mouse: 85%

Protein Families: Transmembrane

Protein Pathways: Allograft rejection, Antigen processing and presentation, Asthma, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Graft-versus-host disease, Systemic lupus erythematosus, Type I diabetes mellitus, Viral myocarditis

Product images:



WB Suggested Anti-HLA-DQA2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: 721_B cell lysate; HLA-DQA2 is supported by BioGPS gene expression data to be expressed in 721_B