

Rabbit anti-Human HLA-DQB1 Polyclonal Antibody | anti-HLA-DQB1 antibody

HLA-DQB1 Polyclonal Antibody

CATALOG # AAA179259	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

HLA-DQB1; Polyclonal Antibody; HLA-DQB1 Polyclonal Antibody; IDDM1; CELIAC1; HLA-DQB; anti-HLA-DQB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HLA-DQB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human HLA-DQB1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



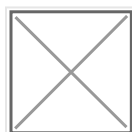
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using HLA-DQB1 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human tonsil using HLA-DQB1 Polyclonal Antibody at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of Raji cells using HLA-DQB1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DQB1 antibody	HLA-DQB1 belongs to the HLA class II beta chain paralogs. This class II molecule is 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 beta chain is approximately 26-28 kDa and it contains six exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes 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. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-HLA-DQB1 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	345461079
NCBI GeneID	3119
NCBI Accession #	NP_001230891.1
NCBI GenBank Nucleotide #	NM_001243962.1
UniProt Accession #	P01920; A1KR27; A2RPH3; A4Q9R4; A4USG2; A4USG5; A6N8I7; A9YQA0; B0S7Y7; B1A0K6; B1GXI3; B3VLT3
Molecular Weight	29,991 Da
NCBI Official Full Name	HLA class II histocompatibility antigen, DQ beta 1 chain isoform 1
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DQ beta 1
NCBI Official Symbol	HLA-DQB1
NCBI Official Synonym Symbols	IDDM1; CELIAC1; HLA-DQB
NCBI Protein Information	HLA class II histocompatibility antigen, DQ beta 1 chain
UniProt Protein Name	HLA class II histocompatibility antigen, DQ beta 1 chain
UniProt Gene Name	HLA-DQB1
UniProt Synonym Gene Names	HLA-DQB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-dqb1-antibody-immunohistochemistry-western-blot-elisa/179259>