

Rabbit anti-Human HLA-DPA1 Polyclonal Antibody | anti-HLA-DPA1 antibody

HLA-DPA1 Polyclonal Antibody

CATALOG # AAA174970	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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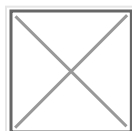
PRODUCT SYNONYMS

HLA-DPA1; Polyclonal Antibody; HLA-DPA1 Polyclonal Antibody; DP(W3); DP(W4); HLA class II histocompatibility antigen DP alpha 1 chain; HLA class II histocompatibility antigen DP alpha chain; HLA DP1A; HLA DPA 1; HLA SB alpha chain; HLADP; HLADPA1; HLASB; HLASB histocompatibility type; Human MHC class II HLA SB alpha gene; Major histocompatibility complex class II DP alpha 1; MHC class II antigen; MHC class II DP3 alpha; MHC class II DPA1; MHC class II HLA DPA1 antigen; PLT1; Primed lymphocyte test 1; anti-HLA-DPA1 antibody

PRODUCT SPECIFICATIONS

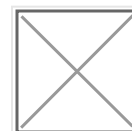
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.96mg/mL (varies by lot)
Sequence Length	260
Applicable Applications for anti-HLA-DPA1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human HLA-DPA1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using HLA-DPA1 Polyclonal Antibody at dilution of 1:35(×200)



WB (Western Blot)

Western blot analysis of Raji cell Human spleen tissue lysates using HLA-DPA1 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-DPA1 antibody	HLA-DPA1 belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta (DPB) chain, 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 and its gene contains 5 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail. Within the DP molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to 4 different molecules.
Product Categories/Family for anti-HLA-DPA1 antibody	Cancer; Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	335883185
NCBI GeneID	3113
NCBI Accession #	NP_001229453.1
NCBI GenBank Nucleotide #	NP_001229453.1
UniProt Accession #	P20036
Molecular Weight	29 kDa
NCBI Official Full Name	HLA class II histocompatibility antigen, DP alpha 1 chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DP alpha 1
NCBI Official Symbol	HLA-DPA1
NCBI Official Synonym Symbols	DPA1; PLT1; HLADP; HLASB; DP(W3); DP(W4); HLA-DP1A; HLA-DPB1
NCBI Protein Information	HLA class II histocompatibility antigen, DP alpha 1 chain
UniProt Protein Name	HLA class II histocompatibility antigen, DP alpha 1 chain
UniProt Gene Name	HLA-DPA1
UniProt Synonym Gene Names	HLA-DP1A; HLASB
UniProt Entry Name	DPA1_HUMAN

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-dpa1-antibody-immunohistochemistry-western-blot-elisa/174970>