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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HLA-DQA1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00003117-D01P

規格 : [100 ug]

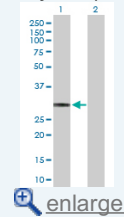
[List All](#)

Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human HLA-DQA1 protein.
Immunogen:	HLA-DQA1 (NP_002113.2, 1 a.a. ~ 255 a.a) full-length human protein.
Sequence:	MILNKALLL GALALTTVMSPCGGEDIVADHVASCNVLYQFYGPSGQYT HEFDGDEQFYVDLKERKETAWRWPEFSKFGGDFPQGALRNMAVAKHNL NIMIKRYNSTAATNEVPEVTVFSKSPVTLGQPNTLCLVDNIFPPVWNTWL SNGQSVTEGVSETSFLSKSDHSFFKISYLTFLPSADEIYDCKVEHWGLDQ PLLKHWEPEIPAMSELTETVVCALGLSVGLMGIVVGTVFIQGLRSVGAS RHQGPL
Host:	Rabbit
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

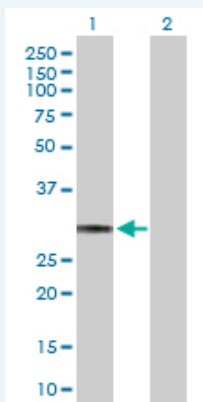
Application Image

Western Blot (Transfected lysate)




Applications

Western Blot (Transfected lysate)



Western Blot analysis of HLA-DQA1 expression in transfected 293T cell line ([H00003117-T02](#)) by HLA-DQA1 MaxPab polyclonal antibody.

Lane 1: HLA-DQA1 transfected lysate(28.00 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3117](#)

GeneBank
Accession#: [NM_002122](#)

Protein
Accession#: [NP_002113.2](#)

Gene Name: HLA-DQA1

Gene Alias: CD, CELIAC1, DQ-A1, FLJ27088, FLJ27328, GSE, HLA-DQA, MGC149527

Gene
Description: major histocompatibility complex, class II, DQ alpha 1

Omim ID: [146880](#), [212750](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: HLA-DQA1 belongs to the HLA class II alpha chain paralogues. The class II molecule is a 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 alpha chain is approximately 33-35 kDa. It is encoded by 5 exons; exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and 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. [provided by RefSeq]

Other Designations: Gluten-sensitive enteropathy (celiac disease), MHC HLA-DQ alpha, MHC class II HLA-D alpha glycoprotein, MHC class II HLA-DQ-alpha-1, MHC class II antigen, MHC class II surface glycoprotein, OTTHUMP0000029141, OTTHUMP00000176885, OTTHUMP00000178551, OTTHUMP0000017

Gene Pathway

[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](#)

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