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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HLA-DPA1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00003113-D01P

規格 : [100 ug]

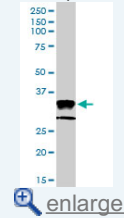
[List All](#)

Specification

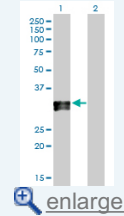
Product Description:	Rabbit polyclonal antibody raised against a full-length human HLA-DPA1 protein.
Immunogen:	HLA-DPA1 (AAH09956.1, 1 a.a. ~ 260 a.a) full-length human protein.
Sequence:	MRPEDRMFHIRAVILRALSLAFLLSLRGAGAIKADHVSTYAAFVQTHRPT GEFMFEFDEDEQFYVDLDDKKTWHLEEFGRAFSFEAQGGLANAILNN NLNTLIQRSNHTQAANDPPEVTVFPKEPVELGQPNTLICHIDRFPPVLNV TWLCNGEPVTEGVAESLFLPRTDYSFHKFHLYLTFVPSAEDVYDCRVEH WGLDQPLLKHWEAQEPIQMPETTETVLCALGLVLGLVGIIVGTVLIKSLR SGHDPRAQGPL
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 (Tissue lysate)

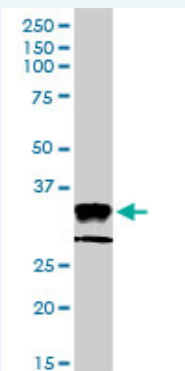


Western Blot (Transfected lysate)



Applications

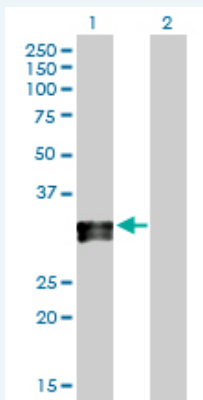
Western Blot (Tissue lysate)



HLA-DPA1 MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DPA1 expression in human kidney.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of HLA-DPA1 expression in transfected 293T cell line ([H00003113-T02](#)) by HLA-DPA1 MaxPab polyclonal antibody.

Lane 1: HLA-DPA1 transfected lysate(29.30 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3113](#)

GeneBank Accession#: [BC009956](#)

Protein Accession#: [AAH09956.1](#)

Gene Name: HLA-DPA1

Gene Alias: HLA-DP1A,HLADP,HLASB

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

Omim ID: [142880](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: HLA class II histocompatibility antigen, DP alpha chain, MHC class II HLA-DPA1 antigen, MHC class II antigen, OTTHUMP00000029066, OTTHUMP00000062983

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](#)

Related Disease

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[Cholestasis](#), [Intrahepatic Crohn's disease](#) [Diabetes Mellitus, Type 1](#)
[Diabetes Mellitus, Type 2](#) [Edema](#) [Encephalomyelitis](#), [Acute Disseminated](#)
[Genetic Predisposition to Disease](#) [Graft vs Host Disease](#) [Hematologic Neoplasms](#)
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