

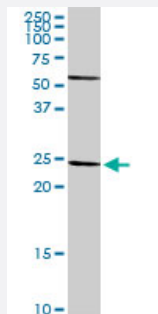
MaxPab®

HLA-DRA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003122-D01P

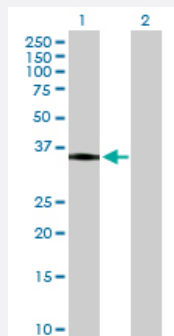
Size 100 ug

Applications



Western Blot (Cell lysate)

HLA-DRA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DRA expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of HLA-DRA expression in transfected 293T cell line ([H00003122-T03](#)) by HLA-DRA MaxPab polyclonal antibody.

Lane 1: HLA-DRA transfected lysate(28.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HLA-DRA protein.
Immunogen	HLA-DRA (NP_061984.2, 1 a.a. ~ 254 a.a) full-length human protein.
Sequence	MAISGVPVLGFFIIAVLMSAQESWAIKEEHVIIQAEFYLNPDQSGEFMFDFDGDGEIFHVDMAKKETV WRLEEFGRFASFEAQGALANIAVDKANLEIMTKRSNYTPITNVPPEVTVLTNSPVELREPNVLCFID KFTPPVVNVTWLRNGKPVTTGVSETVFLPREDHLFRKFHYLPFLPSTEDVYDCRVEHWGLDEPL LKHWEFDAPSPLPETTENVVCAALGLTVGLVGIIGTIFIIGLRKSNAEAERRGPL
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.

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- Western Blot (Cell lysate)

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[Protocol Download](#)

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Western Blot analysis of HLA-DRA expression in transfected 293T cell line ([H00003122-T03](#)) by HLA-DRA MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — HLA-DRA

Entrez GeneID	3122
GeneBank Accession#	NM_019111
Protein Accession#	NP_061984.2
Gene Name	HLA-DRA
Gene Alias	HLA-DRA1
Gene Description	major histocompatibility complex, class II, DR alpha
Omim ID	142860
Gene Ontology	Hyperlink

Gene Summary

HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta 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 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. DRA does not have polymorphisms in the peptide binding part and acts as the sole alpha chain for DRB1, DRB3, DRB4 and DRB5. [provided by RefSeq]

Other Designations

HLA class II histocompatibility antigen, DR alpha chain|MHC cell surface glycoprotein|histocompatibility antigen HLA-DR alpha

Pathway

- [Allograft rejection](#)
- [Antigen processing and presentation](#)
- [Asthma](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Hematopoietic cell lineage](#)
- [Systemic lupus erythematosus](#)
- [Type I diabetes mellitus](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Anticipation](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)

- [Atrial Fibrillation](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cerebrovascular Accident](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Drug Hypersensitivity](#)
- [Edema](#)
- [Enterovirus Infections](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hypersensitivity](#)
- [IgA Deficiency](#)
- [Latex Hypersensitivity](#)
- [Lichen Planus](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Myasthenia Gravis](#)

- [Neuroblastoma](#)
- [Obesity](#)
- [Parkinson Disease](#)
- [Respiratory Tract Infections](#)
- [Sarcoidosis](#)
- [Spondylitis](#)
- [Uveomeningoencephalitic Syndrome](#)