

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

AP17469PU-N Polyclonal Antibody to HLA class II DR beta 1 / HLA-DRB1 (Nterm)

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Alternate names:	DR-1, DR1, DRB1-1 beta chain, HLA class II histocompatibility antigen, MHC class II antigen DRB1
Quantity:	0.4 ml
Concentration:	lot specific
Background:	HLA-DRB1 belongs to the HLA class II beta chain paralogs. The class II molecule is a heterodimer consisting of an alpha (DRA) and a beta chain (DRB), 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. It is encoded by 6 exons.
Uniprot ID:	<u>P04229</u>
NCBI:	<u>9606</u>
Host:	Rabbit
Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human HLA- DRB1
Format:	State: Liquid Ig fraction Purification: Purified through a protein A column, followed by peptide affinity purification Buffer System: PBS with 0.09% (W/V) sodium azide
Applications:	Western blot: 1:100 - 1:500. ELISA: 1:1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects HLA-DRB1 at N-term.
Species Reactivity:	Tested: Human
Add. Information:	Molecular weight: 29914 Da
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Miyagawa,T., et.al., J. Hum. Genet. (2009).

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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Pictures:	Western blot analysis of HLA-DRB1 Antibody (N-term) (AP17469PU-N) in WiDr cell line lysates (35 µg/lane). HLA-DRB1 (arrow) was detected using the purified	WiDr 72 55	

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Pab.

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