

# HLA-DPB1 Rabbit pAb

货号: AYP20869

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	29kDa
实测分子量	25-35KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,Daudi
细胞定位	Cell membrane,Endoplasmic reticulum membrane,Endosome membrane,Golgi apparatus,Lysosome membrane,Single-pass type I membrane protein,trans-Golgi network membrane
纯化	Affinity purification

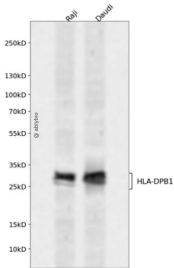
## 抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 40-100 of human HLA-DPB1 (NP_002112.3).
序列	GRQECYAFNGTQRFLERYIYNREEFARFSDVGEFRAVTELGRPAAEYWNSQKDILEEKRA

## 靶点信息

研究背景	HLA-DPB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta chain (DPB), 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 and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes 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, Jul 2008]
基因ID	3115
基因名	HLA-DPB1
Swiss	P04440
别名	DPB1;HLA-DP;HLA-DP1B;HLA-DPB;HLA-DPB1;major histocompatibility complex;class II;DP beta 1

## 产品验证



Western blot analysis of HLA-DPB1 expressed in Raji, Daudi using HLA-DPB1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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