

Datasheet for ABIN1881421
anti-HLA-DQA2 antibody (AA 39-66)[Go to Product page](#)

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Overview

Quantity:	400 µL
Target:	HLA-DQA2
Binding Specificity:	AA 39-66
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-DQA2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HLA-DQA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 39-66 amino acids from the Central region of human HLA-DQA2.
Clone:	RB42054
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HLA-DQA2
Alternative Name:	HLA-DQA2 (HLA-DQA2 Products)
Background:	This gene belongs to the HLA class II alpha chain family. The encoded protein forms a

Target Details

heterodimer with a class II beta chain. It is located in intracellular vesicles and plays a central role in the peptide loading of MHC class II molecules by helping to release the CLIP molecule from the peptide binding site. Class II molecules are expressed in antigen presenting cells (B lymphocytes, dendritic cells, macrophages) and are used to present antigenic peptides on the cell surface to be recognized by CD4 T-cells. [provided by RefSeq].

Molecular Weight: 28033

NCBI Accession: [NP_064440](#)

UniProt: [P01906](#)

Pathways: [TCR Signaling](#), [Human Leukocyte Antigen \(HLA\) in Adaptive Immune Response](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

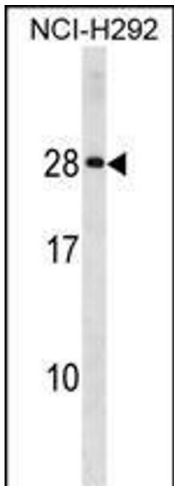
Storage: 4 °C,-20 °C

Expiry Date: 6 months

Publications

Product cited in: Si, Ali, Latip, Fauzi, Budin, Zainalabidin: "Roselle is cardioprotective in diet-induced obesity rat model with myocardial infarction." in: **Life sciences**, Vol. 191, pp. 157-165, (2017) ([PubMed](#)).

Yida, Imam, Ismail, Ooi, Sarega, Azmi, Ismail, Chan, Hou, Yusuf: "Edible Bird's Nest Prevents High Fat Diet-Induced Insulin Resistance in Rats." in: **Journal of diabetes research**, Vol. 2015, pp. 760535, (2016) ([PubMed](#)).



Western Blotting

Image 1. HLA-DQA2 Antibody (Center) (ABIN1881421 and ABIN2839048) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the HLA-DQA2 antibody detected the HLA-DQA2 protein (arrow).