

Datasheet for ABIN2783759  
**anti-HLA-DQA2 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	HLA-DQA2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Sheep, Cow, Goat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-DQA2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HLA-DQA2
Sequence:	GVNFYQSHGP SGQYTHEFDG DEEFYVDLET KETVWQLPMF SKFISFDPQS
Predicted Reactivity:	Cow: 100%, Goat: 100%, Human: 100%, Mouse: 85%, Rabbit: 86%, Rat: 86%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against HLA-DQA2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	HLA-DQA2
Alternative Name:	HLA-DQA2 ( <a href="#">HLA-DQA2 Products</a> )

## Target Details

Background:	<p>This gene belongs to the HLA class II alpha chain family. The encoded protein forms a 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.</p> <p>Alias Symbols: DQ alpha, HLA-DXA, DX-ALPHA</p> <p>Protein Interaction Partner: UBC, HLA-DQB1, CD4, INS,</p> <p>Protein Size: 255</p>
Molecular Weight:	28 kDa
Gene ID:	3118
NCBI Accession:	<a href="#">NM_020056</a> , <a href="#">NP_064440</a>
UniProt:	<a href="#">P01906</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 255 AA
Restrictions:	For Research Use only

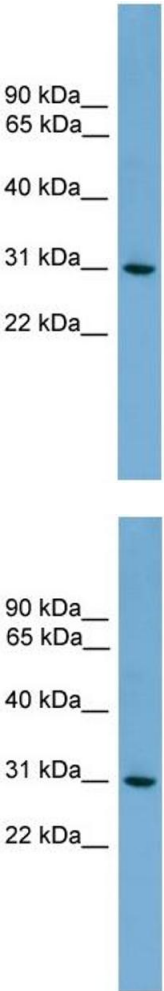
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-HLA-DQA2  
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500  
Positive Control: 21\_B cell lysate  
HLA-DQA2 is supported by BioGPS gene expression data to be expressed in 721\_B

Western Blotting

**Image 2.** WB Suggested Anti-HLA-DQA2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 721\_B cell lysate HLA-DQA2 is supported by BioGPS gene expression data to be expressed in 721\_B