

HLA-DOA Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20332a

Specification

HLA-DOA Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	<u>P06340</u>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	27599
Antigen Region	31-59

HLA-DOA Antibody (N-term) - Additional Information

Gene ID 3111

Other Names

HLA class II histocompatibility antigen, DO alpha chain, MHC DN-alpha, MHC DZ alpha, MHC class II antigen DOA, HLA-DOA, HLA-DNA, HLA-DZA

Target/Specificity

This HLA-DOA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-59 amino acids from the N-terminal region of human HLA-DOA.

Dilution WB~~1:1000 E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HLA-DOA Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HLA-DOA Antibody (N-term) - Protein Information

Name HLA-DOA

Synonyms HLA-DNA, HLA-DZA



Function Important modulator in the HLA class II restricted antigen presentation pathway by interaction with the HLA-DM molecule in B- cells. Modifies peptide exchange activity of HLA-DM.

Cellular Location

Endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane protein Note=Complexes with HLA-DM molecule during intracellular transport and in endosomal/lysosomal compartments. Heterotetramerization is necessary to exit the ER

HLA-DOA Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

HLA-DOA Antibody (N-term) - Images



HLA-DOA Antibody (N-term) (Cat. #AP20332a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the HLA-DOA antibody detected the HLA-DOA protein (arrow).

HLA-DOA Antibody (N-term) - Background

Important modulator in the HLA class II restricted antigen presentation pathway by interaction with the HLA-DM molecule in B-cells. Modifies peptide exchange activity of HLA-DM.