

HLA-DOB Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51778

Product Information

Application	WB
Primary Accession	P13765
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30822

Additional Information

Gene ID	3112
Other Names	HLA class II histocompatibility antigen, DO beta chain, MHC class II antigen DOB, HLA-DOB
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	HLA-DOB
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

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.

References

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Jonsson A.-K.,et al.Immunogenetics 29:411-413(1989).
Beck S.,et al.J. Mol. Biol. 228:433-441(1992).
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Mungall A.J.,et al.Nature 425:805-811(2003).

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