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Anti-HLA-DOA Antibody

Catalog # AP60766

Product Information

Application	WB, IHC
Primary Accession	P06340
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27599

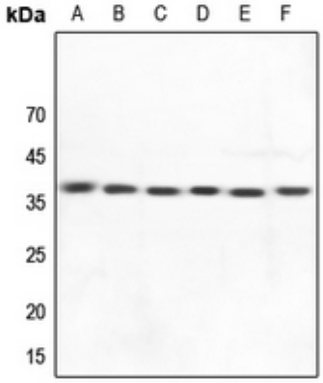
Additional Information

Gene ID	3111
Other Names	HLA-DNA; HLA-DZA; HLA class II histocompatibility antigen, DO alpha chain; MHC DN-alpha; MHC DZ alpha; MHC class II antigen DOA
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HLA-DOA. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

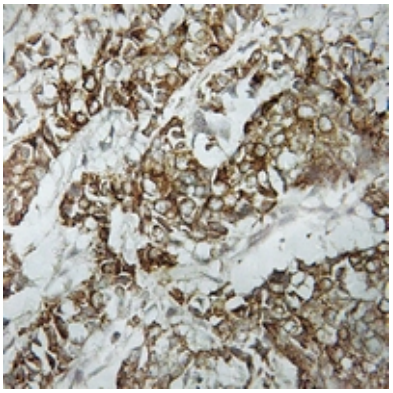
Protein Information

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

Images



Western blot analysis of HLA-DOA expression in K562 (A), MCF7 (B), mouse liver (C), mouse spleen (D), rat liver (E), rat spleen (F) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 38 kD)



Immunohistochemical analysis of HLA-DOA staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.