For research purposes only, not for human use

# Product Data Sheet

# Anti-HLA-DQA1 Antibody

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CQA2003 | Rabbit | H, M | WB, IH |

| | |
|---|---|
| **Description** | Rabbit polyclonal antibody to HLA-DQA1 |
| **Immunogen** | Recombinant full length protein of human HLA-DQA1 |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of HLA-DQA1 protein. |
| **Clonality** | Polyclonal |
| **Conjugation** | |
| **Form** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Dilution** | WB (1/500 - 1/2000), IH (1/50 - 1/200) |
| **Gene Symbol** | HLA-DQA1 |
| **Alternative Names** | HLA class II histocompatibility antigen, DQ alpha 1 chain; DC-1 alpha chain; DC-alpha; HLA-DCA; MHC class II DQA1 |
| **Entrez Gene** | 1005094573117 (Human) |
| **SwissProt** | P01909 (Human) |
| **Storage/Stability** | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


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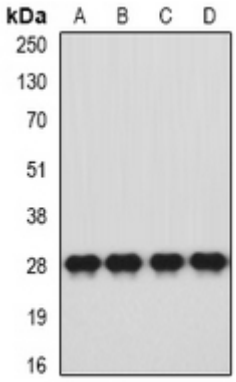
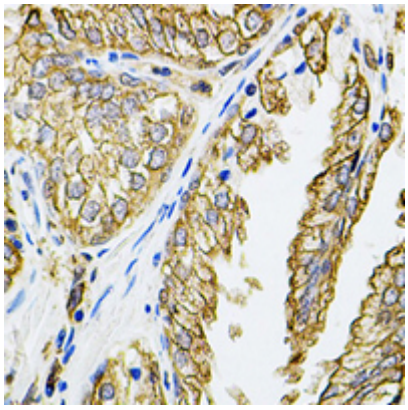



Western blot analysis of HLA-DQA1 expression in SW620 (A), HT29 (B), mouse brain (C), mouse stomach (D) whole cell lysates. (Predicted band size: 27 kD; Observed band size: 28-37 kD)



Immunohistochemical analysis of HLA-DQA1 staining in human prostate 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.

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