

For Research Use Only

HLA-DPA1 Polyclonal antibody

Catalog Number: 16109-1-AP

4 Publications



Basic Information

Catalog Number:

16109-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9031

GenBank Accession Number:

BC009956

GeneID (NCBI):

3113

UNIPROT ID:

P20036

Full Name:

major histocompatibility complex, class II, DP alpha 1

Calculated MW:

260 aa, 29 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Raji cells, mouse spleen tissue, rat spleen tissue

IHC: human tonsillitis tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Liu	36016933	Front Immunol	WB
Xiaoshuang Wang	38318373	iScience	IF
Ke Shi	37899135	Aging (Albany NY)	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

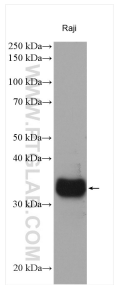
For technical support and original validation data for this product please contact:

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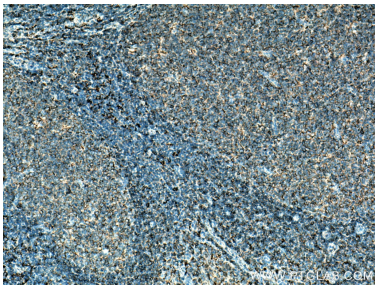
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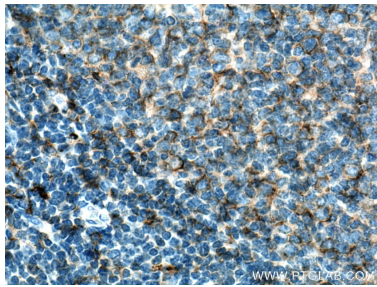
Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 16109-1-AP (HLA-DPA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16109-1-AP (HLA-DPA1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 16109-1-AP (HLA-DPA1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).