

For Research Use Only

# HLA-DRB1 Polyclonal antibody

Catalog Number: 15862-1-AP **4 Publications**



## Basic Information

**Catalog Number:**

15862-1-AP

**Size:**

600 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8405

**GenBank Accession Number:**

BC007920

**GeneID (NCBI):**

3123

**UNIPROT ID:**

P01911

**Full Name:**

major histocompatibility complex, class II, DR beta 1

**Calculated MW:**

266 aa, 30 kDa

**Observed MW:**

27-30 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IP, IHC, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human

**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, human spleen tissue, A375 cells, Daudi cells

IP : Raji cells,

IHC : human tonsillitis tissue,

## Background Information

### Notable Publications

| Author         | Pubmed ID | Journal         | Application |
|----------------|-----------|-----------------|-------------|
| Rupert L Mayer | 36241641  | Nat Commun      | WB          |
| Qian Gao       | 36578425  | Heliyon         | WB          |
| Yanling Wang   | 38694916  | Front Pharmacol | IHC         |

## 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

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

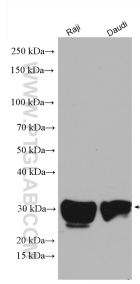
T: 4006900926

E: Proteintech-CN@ptglab.com

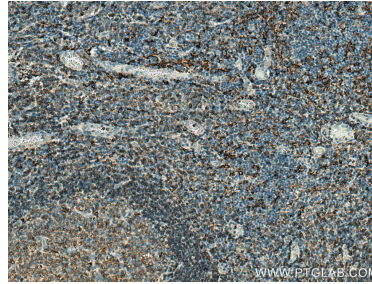
W: ptgcn.com

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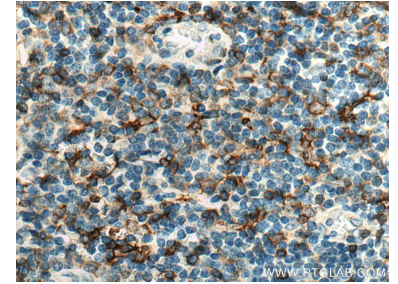
## Selected Validation Data



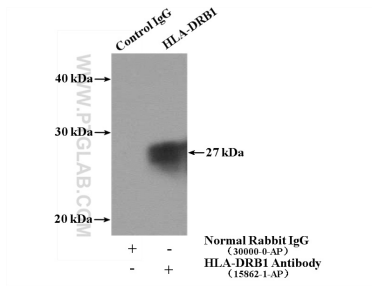
Various lysates were subjected to SDS PAGE followed by western blot with 15862-1-AP (HLA-DRB1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15862-1-AP (HLA-DRB1 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 15862-1-AP (HLA-DRB1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-HLA-DRB1 (IP:15862-1-AP, 4ug; Detection:15862-1-AP 1:500) with Raji cells lysate 2000ug.