

# PADI4 Rabbit pAb

Catalog No.: A16188 **4 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

74kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene is a member of a gene family which encodes enzymes responsible for the conversion of arginine residues to citrulline residues. This gene may play a role in granulocyte and macrophage development leading to inflammation and immune response.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 1:50 - 1:200

## Immunogen Information

### Gene ID

23569

### Swiss Prot

Q9UM07

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 290-663 of human PADI4 (NP\_036519.2).

### Synonyms

PAD; PAD4; PDI4; PDI5; PADI5; PADI4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

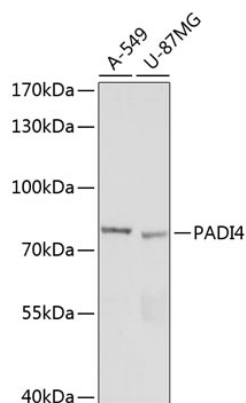
Affinity purification

### Storage

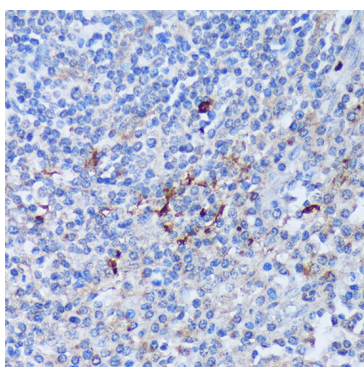
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

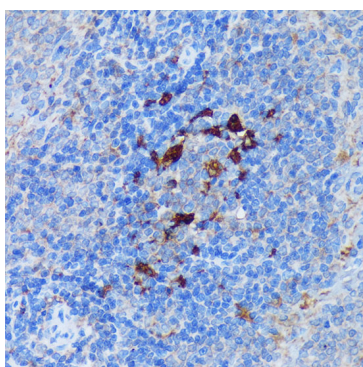
## Validation Data



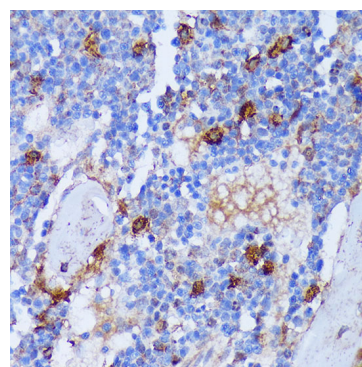
Western blot analysis of various lysates using PADI4 Rabbit pAb (A16188) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



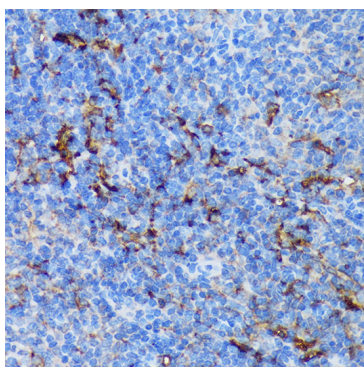
Immunohistochemistry analysis of PADI4 in paraffin-embedded Human tonsil using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Rat spleen using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Rat bone marrow using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of PADI4 in paraffin-embedded Mouse spleen using PADI4 Rabbit pAb (A16188) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.