

## Rabbit PADI4 Polyclonal Antibody | anti-PADI4 antibody

PADI4 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA304580</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

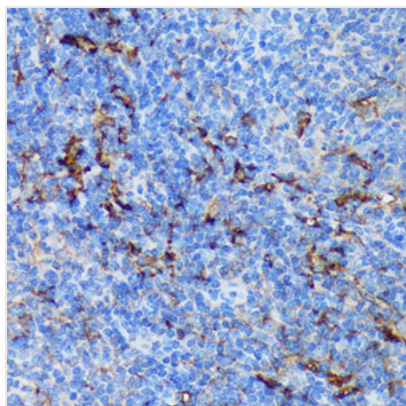
### PRODUCT SYNONYMS

PADI4; Polyclonal Antibody; PADI4 Antibody; PAD; PAD4; PDI4; PDI5; PADI5; anti-PADI4 antibody

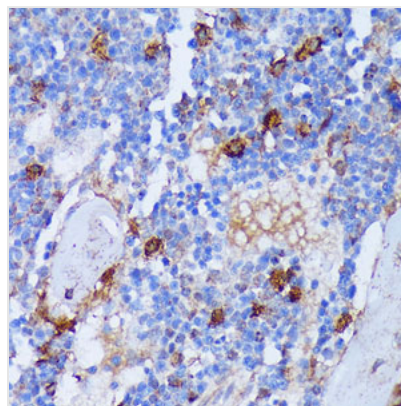
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                     |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                              |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                                          |
| Specificity                                     | The antibody detects endogenous level of total PADI4 protein.                                                                       |
| Purity/Purification                             | Antibodies were purified by affinity purification using immunogen.                                                                  |
| Form/Format                                     | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1.0 mg/ml (varies by lot)                                                                                                           |
| Sequence Length                                 | 663                                                                                                                                 |
| Applicable Applications for anti-PADI4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen Type                                  | Recombinant Protein                                                                                                                 |
| Immunogen Description                           | Recombinant protein of human PADI4.                                                                                                 |
| Target Name                                     | PADI4                                                                                                                               |
| Preparation and Storage                         | Store at -20°C.                                                                                                                     |

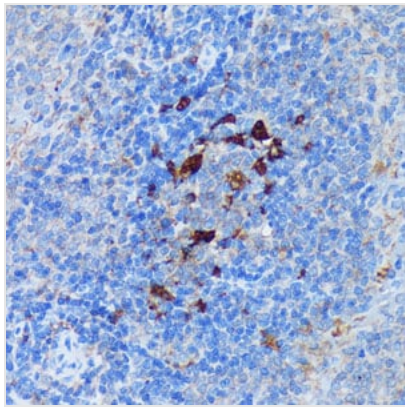
### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Mouse spleen using PADI4 at dilution of 1:100 (40x lens).

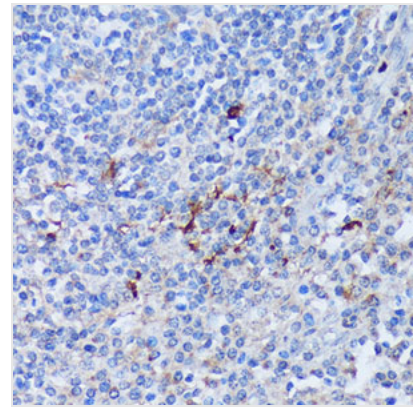

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Rat bone marrow using PADI4 at dilution of 1:100 (40x lens).



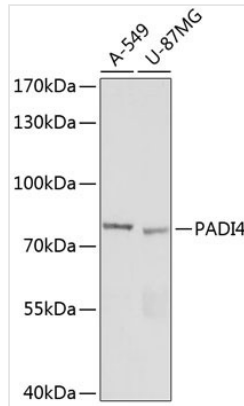
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat spleen using PADI4 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil using PADI4 at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PADI4 at 1:1000 dilution.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                           |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-PADI4 antibody</b> | 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. |
| <b>Product Categories/Family for anti-PADI4 antibody</b>   | Total protein Ab                                                                                                                                                                                                                                          |

## NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 216548487                              |
| NCBI GeneID                      | 23569                                  |
| NCBI Accession #                 | NP_036519.2                            |
| NCBI GenBank Nucleotide #        | NM_012387.2                            |
| UniProt Accession #              | Q9UM07; Q5VTZ8; Q70SX4; A8K392; B2RBW0 |
| Molecular Weight                 | 74 KD                                  |
| NCBI Official Full Name          | protein-arginine deiminase type-4      |
| NCBI Official Synonym Full Names | peptidyl arginine deiminase, type IV   |
| NCBI Official Symbol             | PADI4                                  |
| NCBI Official Synonym Symbols    | PAD; PAD4; PDI4; PDI5; PADI5           |

|                            |                                   |
|----------------------------|-----------------------------------|
| NCBI Protein Information   | protein-arginine deiminase type-4 |
| UniProt Protein Name       | Protein-arginine deiminase type-4 |
| UniProt Gene Name          | <b>PADI4</b>                      |
| UniProt Synonym Gene Names | PAD4; PADI5; PDI5                 |
| UniProt Entry Name         | PADI4_HUMAN                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/padi4-antibody-immunohistochemistry-western-blot-elisa/304580>