

Rabbit PADI4 Polyclonal Antibody | anti-PADI4 antibody

PADI4 Rabbit pAb

CATALOG # AAA281624	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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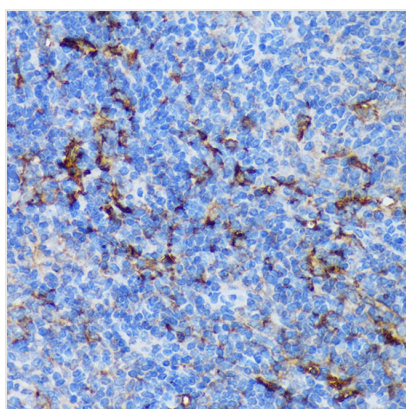
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

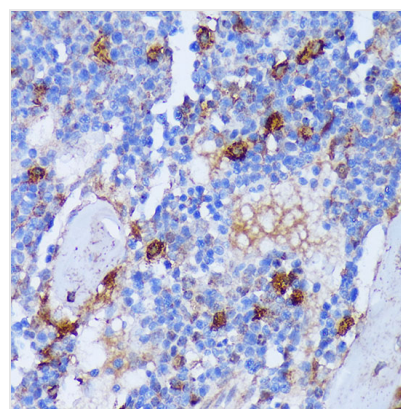
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	RGLKEFPIKR VMGPDFGYVT RGPQTGGISG LDSFGNLEVS PPVTVRGKEY PLGRILFGDS CYPNSDSRQM HQALQDFLSA QQVQAPVKLY SDWLSVGHD EFLSFVPAPD RKGFRLLAS PRSCYKLFQE QQNEGHEAL LFEGIKKKKQ QKIKNILSNK TLREHNSFVE RCIDWNR
Applicable Applications for anti-PADI4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 374-550 of human PADI4 (NP_036519.2).
Cellular Location	Cytoplasm, Cytoplasmic granule, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



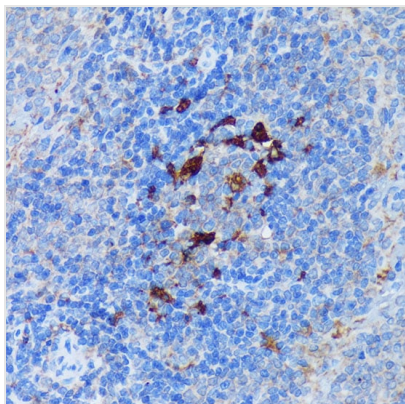
IHC (Immunohistochemistry)

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



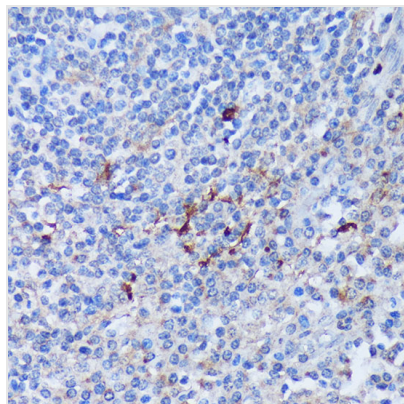
IHC (Immunohistochemistry)

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



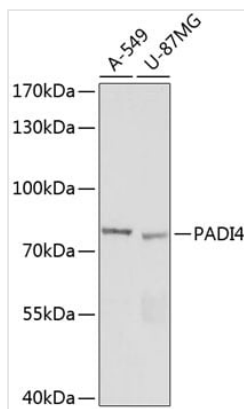
IHC (Immunohistochemisry)

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



IHC (Immunohiostchemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PADI4 antibody	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.
Product Categories/Family for anti-PADI4 antibody	Epigenetics & Nuclear Signaling ; Epigenetic writers and erasers of core Histones ; Methylation ; Research ; Endocrine & Metabolism ; Amino acid metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	296439260
NCBI GeneID	23569
UniProt Accession #	Q9UM07 ; Q5VTZ8 ; Q70SX4 ; A8K392 ; B2RBW0
Molecular Weight	663
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; HL-60 PAD; PADI-H protein; protein-arginine deiminase type IV; peptidyl arginine deiminase, type V
UniProt Protein Name	Protein-arginine deiminase type-4
UniProt Gene Name	PADI4
UniProt Synonym Gene Names	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/281624>