

Rabbit anti-Human, Rat PADI4 Polyclonal Antibody | anti-PADI4 antibody

Anti-PADI4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262040	Rabbit	Human, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PADI4; Polyclonal Antibody; Anti-PADI4 Antibody; PADI5; PDI5; Protein-arginine deiminase type-4; HL-60 PAD; Peptidylarginine deiminase IV; Protein-arginine deiminase type IV; anti-PADI4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PADI4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	663
Applicable Applications for anti-PADI4 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PADI4
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



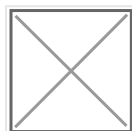
IF (Immunofluorescence)

Immunofluorescent analysis of PADI4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PADI4 staining in rat lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PADI4 expression in BT474 (A), SKOV3 (B) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 74 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PADI4 antibody	Rabbit polyclonal antibody to PADI4
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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
NCBI Official Full Name	protein-arginine deiminase type-4
NCBI Official Synonym Full Names	peptidyl arginine deiminase 4
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	PADI4
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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262040>