

Goat anti-Human PADI4/PAD4 Polyclonal Antibody | anti-PADI4 antibody

PADI4/PAD4 Goat anti-Human Polyclonal (aa2-14) Antibody

CATALOG # AAA162907	HOST Goat	REACTIVITY Human	APPLICATIONS Western Blot, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

PADI4/PAD4; Polyclonal Antibody; PADI4/PAD4 Goat anti-Human Polyclonal (aa2-14) Antibody; IHC-plus PADI4/PAD4 Antibody (aa2-14); PADI4; HL-60 PAD; PAD4; PAD; PDI5; PDI4; PADI-H protein; PADI5; Peptidylarginine deiminase IV; anti-PADI4 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	Human PADI4.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	TBS, pH7.3, 0.02% Sodium Azide, 0.5% BSA
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-PADI4 antibody	WB (Western Blot), ELISA (Peptide ELISA), IHC (Immunohistochemistry)
Target	Human PADI4/PAD4
Immunogen	Peptide with sequence AQGTLIRVTPEQPC, from the N-Terminus of protein sequence according to NP_036519.2.
Conjugation	Unconjugated
Epitope	aa2-14
Preparation and Storage	Aliquot and store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



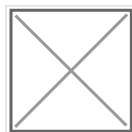
IHC (Immunohistochemistry)

PADI4/PAD4 Antibody-Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

PADI4/PAD4 Antibody-PADI4/PAD4 antibody (0.3ug/ml) staining of Human Spleen lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



WB (Western Blot)

PADI4/PAD4 Antibody-Antibody (0.3 ug/ml) staining of human spleen lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-PADI4 antibody	PAD4 antibody is an unconjugated goat polyclonal antibody to human PAD4 (PADI4)(aa2-14). Validated for IHC, Peptide-ELISA and WB. Tested on 20 paraffin-embedded human tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	216548487
NCBI GeneID	23569
NCBI Accession #	NP_036519.2
NCBI GenBank Nucleotide #	NM_012387
UniProt Accession #	Q9UM07; Q5VTZ8; Q70SX4; A8K392; B2RBW0
Molecular Weight	74,079 Da
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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/padi4-pad4-antibody-western-blot-peptide-elisa-immunohistochemistry-elisa/162907>