

Rabbit anti-Human PAD4 Polyclonal Antibody | anti-PAD4 antibody

PAD4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29681	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence

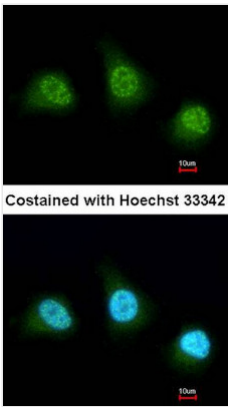
PRODUCT SYNONYMS

PAD4; Polyclonal Antibody; PAD4 antibody; anti-PAD4 antibody

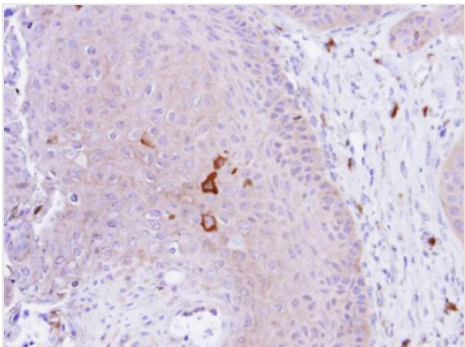
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.44mg/mL (varies by lot)
Sequence Length	663
Applicable Applications for anti-PAD4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:3000 IHC: 1:100-1:500 IF: 1:100-1:200
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 326 and 581 of PAD4
Target Name	PAD4
Preparation and Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

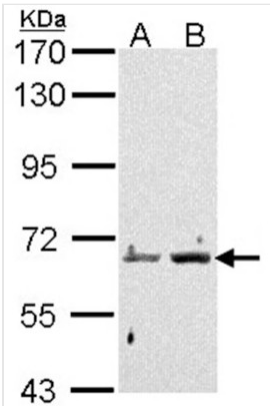
IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using PAD4 antibody at 1: 200 dilution.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using PAD4 antibody at 1: 100 dilution.



WB (Western Blot)
Sample (30 ug of whole cell lysate)A: HeLaB: Hep G27.5% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-PAD4 antibody	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. [provided by RefSeq]
Product Categories/Family for anti-PAD4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19343594
NCBI GeneID	23569
Molecular Weight	Predicted MW: 74kd
NCBI Official Full Name	Peptidyl arginine deiminase, type IV
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	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/pad4-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29681>