

Rabbit PADI4 Polyclonal Antibody | anti-PADI4 antibody

PADI4 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200439	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish	Western Blot

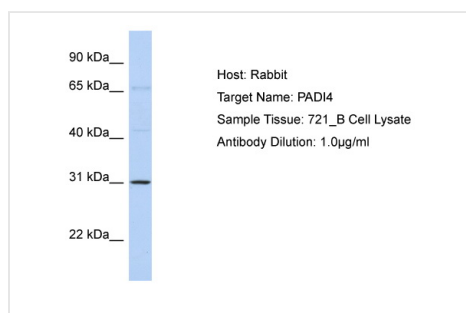
PRODUCT SYNONYMS

PADI4; Polyclonal Antibody; PADI4 antibody - middle region; anti-PADI4 antibody

PRODUCT SPECIFICATIONS

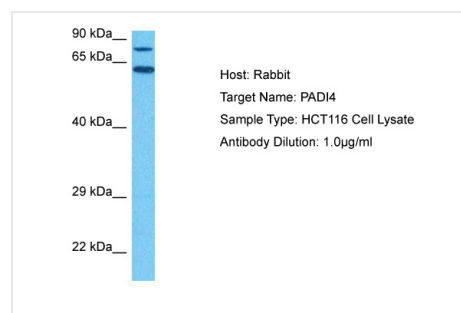
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TG GISGLDSFGN LEVSPVTVR GKEYPLGRIL FGDSYCPSND SRQMHQAL
Sequence Length	663
Applicable Applications for anti-PADI4 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 87%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 86%; Rat: 100%; Sheep: 79%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PADI4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: RabbitTarget Name: PADI4Sample Type: 721_B Cell lysatesAntibody Dilution: 1.0µg/mlThere is BioGPS gene expression data showing that PADI4 is expressed in 721_B



WB (Western Blot)

Host: RabbitTarget Name: PADI4Sample Tissue: Human HCT116 Whole CellAntibody Dilution: 1µg/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PADI4 antibody	This is a rabbit polyclonal antibody against PADI4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PADI4 is an enzyme responsible for the conversion of arginine residues to citrulline residues. This protein may play a role in granulocyte and macrophage development leading to inflammation and immune response. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-PADI4 antibody	Polyclonal; Developmental Biology; Various; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	216548487
NCBI GeneID	23569
NCBI Accession #	NP_036519
NCBI GenBank Nucleotide #	NM_012387
UniProt Accession #	Q9UM07
Molecular Weight	74kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/padi4-antibody-western-blot-elisa/200439>