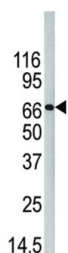


## Protein-Arginine Deiminase Type-4 (PAD4) Antibody

Catalogue No.: abx031629



PAD4 is a member of a family of enzymes responsible for the conversion of arginine residues to citrulline residues via catalyzation of the deimination of the arginine residues. PAD4 down-regulates histone H3 and H4 arginine methylation, both by preventing arginine methylation by CARM1 and HRMT1L2/PRMT1 and by converting methylarginine to citrulline. This protein may play a role in granulocyte and macrophage development leading to inflammation and immune response.

<b>Target:</b>	Protein-Arginine Deiminase Type-4 (PAD4)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human
<b>Tested Applications:</b>	ELISA, WB
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	KLH-conjugated synthetic peptide between 512-544 amino acids from the C-terminal region of human PAD4.
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified Rabbit Polyclonal Antibody.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	Q9UM07 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>NCBI Accession:</b>	NP_036519.2

# Datasheet

Version: 2.0.0

Revision date: 12 Aug 2025



**String:** [9606.ENSF00000364597](#)

**Molecular Weight:** Calculated MW: 74.1 kDa

**Buffer:** PBS containing 0.09% sodium azide.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only