

Datasheet for ABIN389125
anti-PAD4 antibody (C-Term)



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1 Image

Overview

Quantity:	400 µL
Target:	PAD4 (PADI4)
Binding Specificity:	AA 512-544, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PAD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 512-544 amino acids from the C-terminal region of human PAD4.
Clone:	RB07589
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PAD4 (PADI4)
Alternative Name:	PAD4 (PADI4 Products)

Target Details

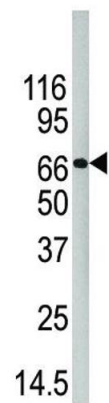
Background:	PAD4 is a member of a family of enzymes responsible for the conversion of arginine residues to citrulline residues via catalyzation of the deimination of the arginine residues. PAD4 down-regulates histone H3 and H4 arginine methylation, both by preventing arginine methylation by CARM1 and 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.
Molecular Weight:	74079
Gene ID:	23569
NCBI Accession:	NP_036519
UniProt:	Q9UM07

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of anti-D4 b (ABIN389125 and ABIN2839308) in 293 cell line lysate. D4(arrow) was detected using the purified b.