

PAD4 Antibody (C-term)

Catalog_no :	AB2085
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:512-544
Specificity :	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.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	Protein-arginine deiminase type-4, HL-60 PAD, Peptidylarginine deiminase IV, Protein-arginine deiminase type IV, PADI4, PADI5, PDI5
Isotype :	Rabbit Ig
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.
reference :	Nakayama-Hamada, M., et al., Biochem. Biophys. Res. Commun. 327(1):192-200 (2005). Wang, Y., et al., Science 306(5694):279-283 (2004). Arita, K., et al., Arthritis Rheum. 11(8):777-783 (2004). Barton, A., et al., Arthritis Rheum. 50(4):1117-1121 (200