

## PADI2 Antibody (C-term)

Catalog_no :	AB1335
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:557-586
Specificity :	This PADI2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 557-586 amino acids from the C-terminal region of human PADI2.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Protein-arginine deiminase type-2, PAD-H19, Peptidylarginine deiminase II, Protein-arginine deiminase type II, PADI2, KIAA0994, PDI2
Isotype :	Rabbit Ig
Background :	This gene encodes a member of the peptidyl arginine deiminase family of enzymes, which catalyze the post-translational deimination of proteins by converting arginine residues into citrullines in the presence of calcium ions. The family members have distinct substrate specificities and tissue-specific expression patterns. The type II enzyme is the most widely expressed family member. Known substrates for this enzyme include myelin basic protein in the central nervous system and vimentin in skeletal muscle and macrophages. This enzyme is thought to play a role in the onset and progression of neurodegenerative human disorders, including Alzheimer disease and multiple sclerosis, and it has also been implicated in glaucoma pathogenesis. This gene exists in a cluster with four other paralogous genes. [provided by RefSeq].
reference :	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) ; Jang, B., et al. Acta Neuropathol. 119(2):199-210(2010) Cafaro, T.A., et al. Mol. Vis. 16, 1654-1658 (2010) ; Hojo-Nakashima, I., et al. J. Biochem. 146(4):471-479(2009) Watanabe, Y., et al. J.