antibodies -online.com







anti-PADI1 antibody



Image



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Quantity:	25 μg	
Target:	PADI1	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))	
Product Details		

Immunogen:	Synthetic peptide derived from a domain specific for Human Peptidylarginine Deiminase typerotein	
Specificity:	This antibody reacts with Human PADI1. Cross reactivity with other PADI isoforms was not yet tested.	
Cross-Reactivity (Details):	Species reactivity (tested):Human.	
Purification:	Antigen Affinity Chromatography	

Target Details

Target:	PADI1	
Alternative Name:	PADI1 (PADI1 Products)	
Background:	Peptidylarginine deiminases (PADs) convert arginine residues in proteins into citrullines. are suspected to be involved in multiple sclerosis and rheumatoid arthritis pathophysiological pathon of the converting of the converting pathon of the con	

Target Details

they play a role in epidermis homeostasis and possibly in regulation of gene expression through
histone modification. In humans, five isoforms encoded by the genes PADI1-4, 6 are known so
far.Synonyms: HPAD10, PAD1, PDI1, Peptidylarginine deiminase I, Protein-arginine deiminase
type I, Protein-arginine deiminase type-1

Gene ID:

29943

NCBI Accession:

NP_037490

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	

Buffer:	0.1 M Tris, 0.1 M Glycine, 50 % Glycerol, pH 7.8, 0.02 % 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.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	-20 °C	

Images



Western Blotting

Image 1. Western blot analysis using PAD1 antibody Cat.-No AP55144PU-N.

Cell lysate from Human epedermis