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Datasheet for ABIN7444877 anti-PADI1 antibody (AA 298-556)

3 Images



Overview

Quantity:	100 μL
Target:	PADI1
Binding Specificity:	AA 298-556
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PADI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

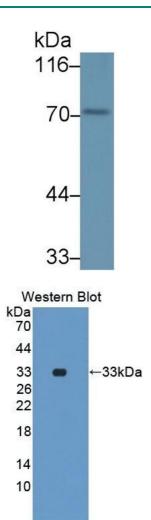
Product Details

Purpose:	Polyclonal Antibody to Peptidyl Arginine Deiminase Type I (PADI1)
Immunogen:	Recombinant Peptidyl Arginine Deiminase Type I (PADI1) corresdonding to Pro298~Arg556 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PADI1. It has been selected for its ability to recognize PADI1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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Target Details		
Target:	PADI1	
Alternative Name:	Peptidyl Arginine Deiminase Type I (PADI1 Products)	
Background:	PDI, PAD1, HPAD10, PDI1, Peptidylarginine Deiminase Type I, Protein-Arginine Deiminase Type- 1, hPAD-Colony 10	
Application Details		
Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.	
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	

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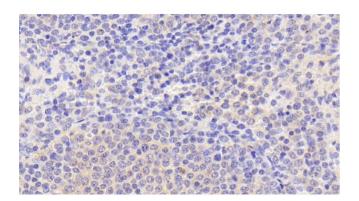


Western Blotting

Image 1. Detection of PADI1 in Mouse Testis lysate using Polyclonal Antibody to Peptidyl Arginine Deiminase Type I (PADI1)

Western Blotting

Image 2. Detection of Recombinant PADI1, Human using Polyclonal Antibody to Peptidyl Arginine Deiminase Type I (PADI1)



Immunohistochemistry

Image 3. Detection of PADI1 in Human Spleen Tissue using Polyclonal Antibody to Peptidyl Arginine Deiminase Type I (PADI1)

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