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# Datasheet for ABIN1869655 anti-PADI2 antibody (AA 1-300)

3 Images



### Overview

Quantity:	100 µL
Quantity.	
Target:	PADI2
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PADI2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Peptidyl Arginine Deiminase Type II (PADI2)
Immunogen:	Recombinant Peptidyl Arginine Deiminase Type II (PADI2) corresdonding to Met1~ Thr300 with N-terminal His and GST Tag
Isotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PADI2. It has been selected for its ability to recognize PADI2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

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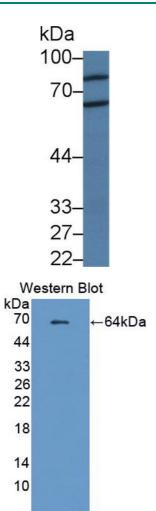
Target Details	
Target:	PADI2
Alternative Name:	Peptidyl Arginine Deiminase Type II (PADI2 Products)
Background:	PAD-H19, PAD2, PDI2, Peptidylarginine deiminase II
Application Details	
Application Notes:	Western blotting: 0.5-3 µg/mL
	Immunohistochemistry: 5-30 µg/mL
	Immunocytochemistry: 5-30 µg/mL
	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
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute
	azide-containing compounds in running water before discarding to avoid accumulation of
	potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
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 fracts they evalue

detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date:

24 months

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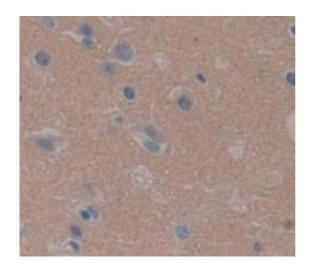


#### Western Blotting

**Image 1.** Western Blot; Sample: Rat Cerebrum lysate; Primary Ab: 3µg/ml Rabbit Anti-Human PADI2 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

#### Western Blotting

**Image 2.** Figure. Western Blot; Sample: Recombinant protein.



#### Immunohistochemistry

**Image 3.** Figure.DAB staining on IHC-P. Samples: Human Tissue

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