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Datasheet for ABIN7306048

## anti-PAD4 antibody

### 3 Images

#### Overview

Quantity:	100 µL
Target:	PAD4 (PADI4)
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

#### Product Details

Immunogen:	Recombinant full length protein of human PADI4
Specificity:	Recognizes endogenous levels of PADI4 protein.
Characteristics:	Rabbit polyclonal antibody to PADI4
Purification:	The antibody was purified by immunogen affinity chromatography.

#### Target Details

Target:	PAD4 (PADI4)
Alternative Name:	PADI4 ( <a href="#">PADI4 Products</a> )
Background:	PADI5, PDI5, Protein-arginine deiminase type-4, HL-60 PAD, Peptidylarginine deiminase IV, Protein-arginine deiminase type IV

## Target Details

Gene ID: 23569, 29512

UniProt: [Q9UM07, O88807](#)

## Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

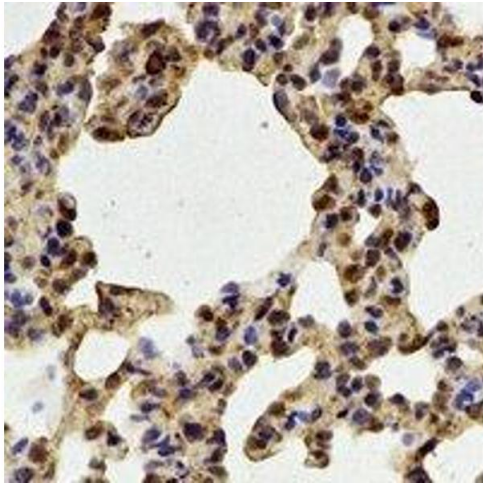
Expiry Date: 12 months

## Images



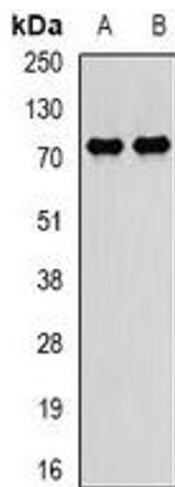
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of PADI4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of PADI4 staining in rat lung formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the anti



### Western Blotting

**Image 3.** Western blot analysis of PADI4 expression in BT474 (A), SKOV3 (B) whole cell lysates.