Datasheet for ABIN2966874

anti-PAD4 antibody

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Overview

Quantity:	200 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 (PADI4 Products)
Background:	PADI5, PDI5, Protein-arginine deiminase type-4, HL-60 PAD, Peptidylarginine deiminase IV, Protein-arginine deiminase type IV

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Target Details

Gene ID:	23569, 29512
UniProt:	Q9UM07, O88807

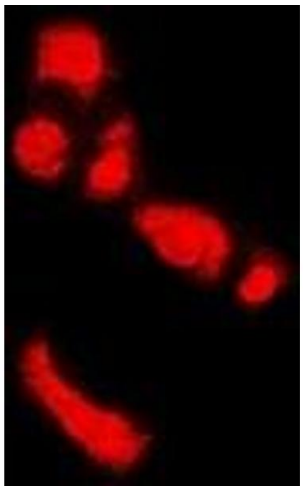
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

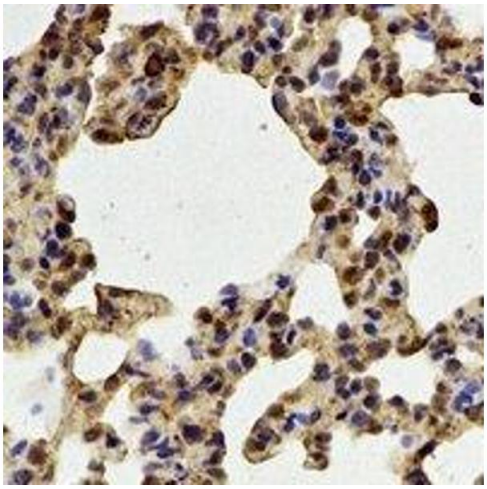
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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



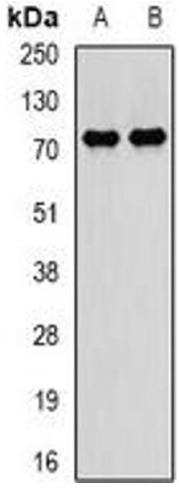
Immunofluorescence

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.