

Datasheet for ABIN7143728  
**anti-Iba1 antibody (AA 2-147)**



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3 Images

## Overview

Quantity:	100 µg
Target:	Iba1 (IBA1)
Binding Specificity:	AA 2-147
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Iba1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Allograft inflammatory factor 1 protein (2-147AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Iba1 (IBA1)
Alternative Name:	AIF1 ( <a href="#">IBA1 Products</a> )
Background:	Background: Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and

## Target Details

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in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.

Aliases: AIF 1 antibody, AIF-1 antibody, Aif1 antibody, AIF1 protein antibody, AIF1\_HUMAN antibody, Allograft inflammatory factor 1 antibody, Allograft inflammatory factor 1 splice variant G antibody, allograft inflammatory factor-1 splice variant Hara-1 antibody, balloon angioplasty responsive transcription antibody, BART 1 antibody, G1 antibody, G1 putative splice variant of allograft inflammatory factor 1 antibody, IBA 1 antibody, IBA1 antibody, interferon gamma responsive transcript antibody, Interferon responsive transcript 1 antibody, interferon responsive transcript factor 1 antibody, Ionized calcium binding adapter molecule 1 antibody, Ionized calcium-binding adapter molecule 1 antibody, ionized calcium-binding adapter molecule antibody, IRT 1 antibody, IRT1 antibody, Microglia response factor antibody, MRF1 antibody, Protein g1 antibody

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UniProt: [P55008](#)

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Pathways: [Smooth Muscle Cell Migration](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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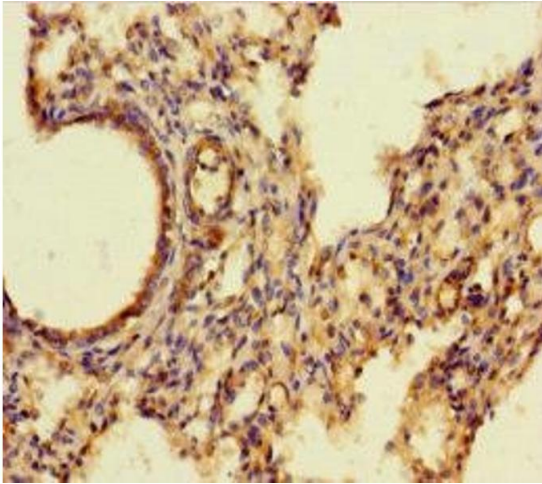
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

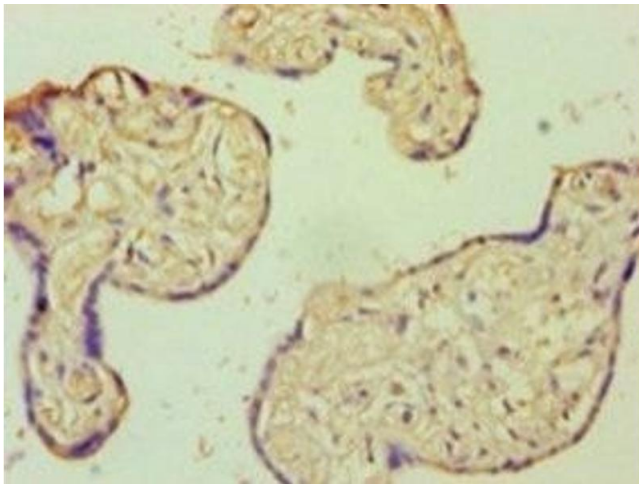
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



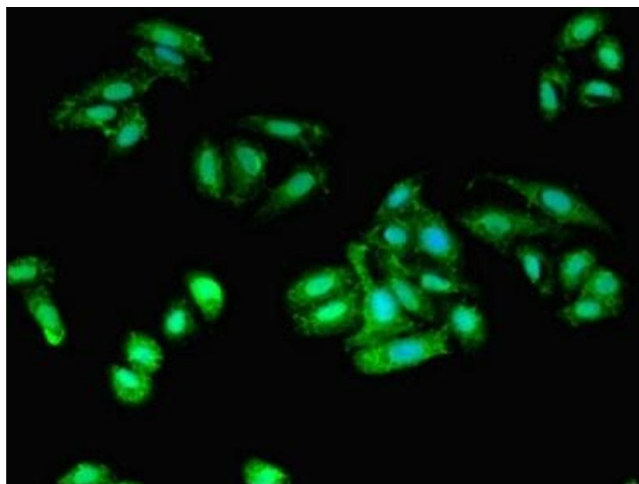
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human lung tissue using ABIN7143728 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7143728 at dilution of 1:100



#### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HepG2 cells using ABIN7143728 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)