

Datasheet for ABIN7434797  
**anti-Iba1 antibody (AA 1-147)**



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3 Images

## Overview

Quantity:	100 µL
Target:	Iba1 (IBA1)
Binding Specificity:	AA 1-147
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Iba1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)
Immunogen:	Recombinant Ionized Calcium-binding Adapter Molecule 1 (IBA1) corresponding to Met1~Pro147 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IBA1. It has been selected for its ability to recognize IBA1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	Iba1 (IBA1)
Alternative Name:	Ionized Calcium-binding Adapter Molecule 1 ( <a href="#">IBA1 Products</a> )
Background:	AIF1, IRT1, Daintain, Protein G1, Allograft Inflammatory Factor 1
Pathways:	<a href="#">Smooth Muscle Cell Migration</a>

## Application Details

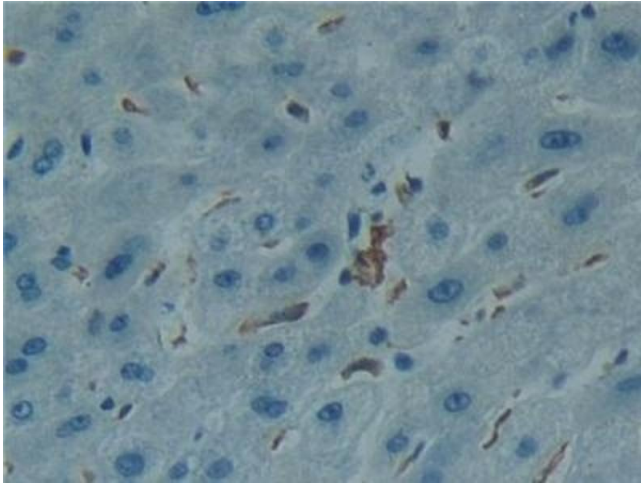
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:300-1200 Immunohistochemistry: 5-20 µg/mL 1:30-120 Immunocytochemistry: 5-20 µg/mL 1:30-120 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by 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

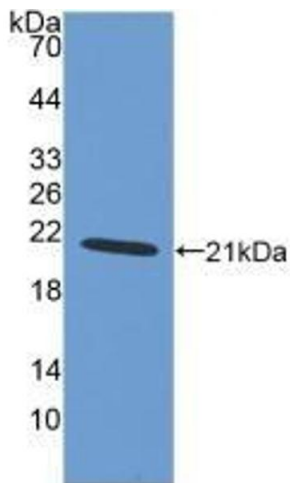
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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	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



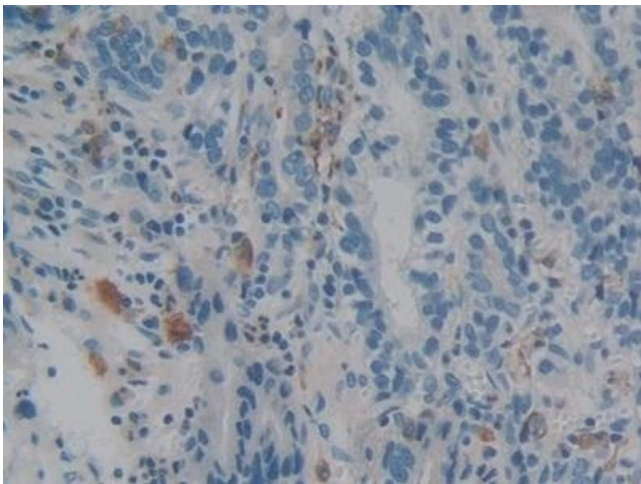
#### Immunohistochemistry

**Image 1.** Detection of IBA1 in Human Liver Tissue using Polyclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)



#### Western Blotting

**Image 2.** Detection of Recombinant AIF1, Human using Polyclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)



#### Immunohistochemistry

**Image 3.** Detection of IBA1 in Human Stomach cancer Tissue using Polyclonal Antibody to Ionized Calcium-binding Adapter Molecule 1 (IBA1)