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# Datasheet for ABIN654407 anti-Iba1 antibody (N-Term)

3 Images

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## Overview

Quantity:	400 µL
Target:	Iba1 (IBA1)
Binding Specificity:	AA 6-36, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Iba1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This AIF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 6-36 amino acids from the N-terminal region of human AIF1.

Clone:	RB14652
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Iba1 (IBA1)
Alternative Name:	AIF1 (IBA1 Products)
Background:	AIF1 is thought to be involved in negative regulation of growth of vascular smooth muscle cells,

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## Target Details

	which contributes to the anti-inflammatory response to vessel wall trauma.
Molecular Weight:	16703
Gene ID:	199
NCBI Accession:	NP_001614, NP_004838, NP_116573
UniProt:	P55008
Pathways:	Smooth Muscle Cell Migration

## Application Details

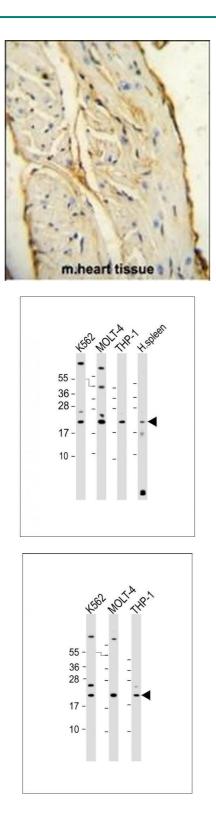
Application Notes:	WB: 1:2000. WB: 1:2000. IHC-P: 1:50~100
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
Publications	
Product cited in:	Ye, Miao, Lu, Xia, Chen, Zhang, Wu, He, Qiang, Zhou: "Allograft inflammatory factor-1 is an independent prognostic indicator that regulates β-catenin in gastric cancer." in: <b>Oncology reports</b> , Vol. 31, Issue 2, pp. 828-34, (2013) (PubMed).
	DiFranco, Gupta, Galusha, Perez, Nguyen, Fineza, Kachlany: "Leukotoxin (Leukothera®) targets active leukocyte function antigen-1 (LFA-1) protein and triggers a lysosomal mediated cell

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## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** AIF1 antibody (N-term) (ABIN654407 and ABIN2844145) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the AIF1 antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### Western Blotting

**Image 2.** All lanes : Anti-AIF1 Antibody (N-term) at 1:2000 dilution Lane 1: K562 whole cell lysate Lane 2: MOLT-4 whole cell lysate Lane 3: THP-1 whole cell lysate Lane 4: human spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

#### Western Blotting

**Image 3.** All lanes : Anti-AIF1 Antibody (N-term) at 1:2000 dilution Lane 1: K562 whole cell lysate Lane 2: MOLT-4 whole cell lysate Lane 3: THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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