

Datasheet for ABIN7441334  
**anti-AIM2 antibody (AA 1-343)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	AIM2
Binding Specificity:	AA 1-343
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Absent In Melanoma 2 (AIM2)
Immunogen:	Recombinant Absent In Melanoma 2 (AIM2) corresponding to Met1~Thr343 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against AIM2. It has been selected for its ability to recognize AIM2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

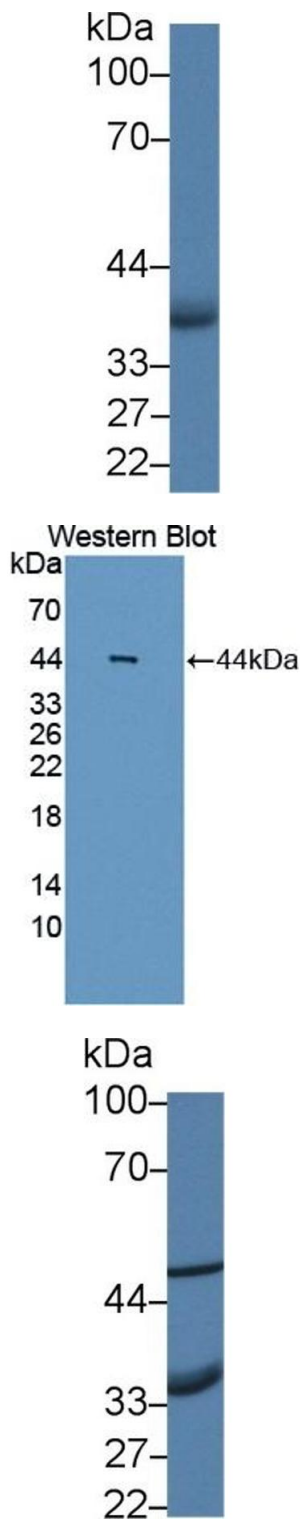
Target:	AIM2
Alternative Name:	Absent In Melanoma 2 ( <a href="#">AIM2 Products</a> )
Background:	PYHIN4, Interferon-inducible protein AIM2
Pathways:	<a href="#">Activation of Innate immune Response</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Inflammasome</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



**Western Blotting**

**Image 1.** Detection of AIM2 in Human A549 cell lysate using Polyclonal Antibody to Absent In Melanoma 2 (AIM2)

**Western Blotting**

**Image 2.** Detection of Recombinant AIM2, Human using Polyclonal Antibody to Absent In Melanoma 2 (AIM2)

**Western Blotting**

**Image 3.** Detection of AIM2 in Human HeLa cell lysate using Polyclonal Antibody to Absent In Melanoma 2 (AIM2)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7441334.