

Datasheet for ABIN7156704

anti-AIM2 antibody (AA 81-326) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	AIM2
Binding Specificity:	AA 81-326
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIM2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Interferon-inducible protein AIM2 protein (81-326AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AIM2
Alternative Name:	AIM2 (AIM2 Products)
Background:	Background: Involved in innate immune response by recognizing cytosolic double-stranded DNA and inducing caspase-1-activating inflammasome formation in macrophages. Upon

Target Details

binding to DNA is thought to undergo oligomerization and to associate with PYCARD initiating the recruitment of caspase-1 precursor and processing of interleukin-1 beta and interleukin-18. Detects cytosolic dsDNA of viral and bacterial origin in a non-sequence-specific manner. Can also trigger PYCARD-dependent, caspase-1-independent cell death that involves caspase-8 (By similarity). Tumor suppressor which may act by repressing NF-kappa-B transcriptional activity.

Aliases: Absent in melanoma 2 antibody, AIM 2 antibody, Aim2 antibody, AIM2_HUMAN antibody, Interferon-inducible protein AIM2 antibody, OTTHUMP00000035296 antibody, PYHIN4 antibody

UniProt: [O14862](#)

Pathways: [Activation of Innate immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: ProClin

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

Storage: -20 °C,-80 °C

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