Datasheet for ABIN7156706

anti-AIM2 antibody (AA 81-326) (HRP)

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Overview

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