

Datasheet for ABIN2784209
anti-AIM2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	AIM2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIM2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human AIM2
Sequence:	ESKYKEILLL TGLDNITDEE LDRFKFFLSD EFNIATGKLH TANRIQVATL
Predicted Reactivity:	Horse: 100%, Human: 100%, Mouse: 79%, Rat: 79%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against AIM2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	AIM2
Alternative Name:	AIM2 (AIM2 Products)

Target Details

Background:	AIM2 is a member of the IFI20X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2.AIM2 is a member of the IFI20X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2. Alias Symbols: PYHIN4 Protein Interaction Partner: APPBP2, Protein Size: 343
Molecular Weight:	39 kDa
Gene ID:	9447
NCBI Accession:	NM_004833 , NP_004824
UniProt:	O14862
Pathways:	Activation of Innate immune Response , Positive Regulation of Endopeptidase Activity , Inflammasome

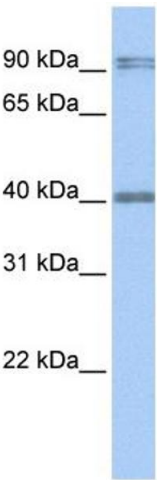
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 343 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-AIM2 Antibody Titration: 0.2-1 ug/ml Positive Control: Human Lung