

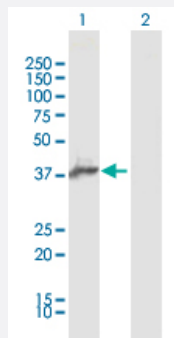
MaxPab®

AIM2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009447-D01

Size 100 uL

Applications

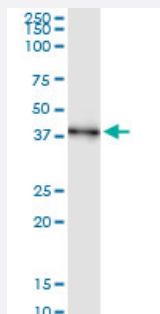


Western Blot (Transfected lysate)

Western Blot analysis of AIM2 expression in transfected 293T cell line ([H00009447-T03](#)) by AIM2 MaxPab polyclonal antibody.

Lane 1: AIM2 transfected lysate(39.00 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of AIM2 transfected lysate using anti-AIM2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with AIM2 purified MaxPab mouse polyclonal antibody (B01P) ([H00009447-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human AIM2 protein.

Immunogen

AIM2 (NP_004824.1, 1 a.a. ~ 343 a.a) full-length human protein.

Sequence

MESKYKEILLLTGLDNITDEELDRFKFFLSDEFNIATGKLHTANRIQVATLMIQNAGAVSAVMKTIRIF
QKLNMYMLLAKRLQEEKEKVDKQYKSVTKPKPLSQAEMSPAASAAIRNDVAKQRAAPKVSPHVKP
EQKQMVAAQQESIREGFQKRCLPVMVLKAKKPFTFETQEGKQEMFHATVATEKEFFFVKVFNTLL
KDKFIPKRIIIIARYYRHSGFLEVNSASRVLDAESDQKVNVP LNIIIRKAGETPKINTLQTQPLGTIVNGLF
VVQKVTEKKKNILFDLSDNTGKMEVLGVRNEDTMKCKEGDKVRLTFFTL SKNGEKLQLTSGVHST
IKVIKAKKKT

Host

Rabbit

Reactivity	Human
Interspecies Antigen Sequence	Mouse (55)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — AIM2

Entrez GeneID	9447
GeneBank Accession#	NM_004833
Protein Accession#	NP_004824.1
Gene Name	AIM2
Gene Alias	PYHIN4
Gene Description	absent in melanoma 2
Omim ID	604578
Gene Ontology	Hyperlink

Gene Summary

AIM2 is a member of the IFI202X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2. [provided by RefSeq]

Other Designations

OTTHUMP00000035296

Publication Reference

- [Pyroptotic neuronal cell death mediated by the AIM2 inflammasome.](#)

Adamczak SE, de Rivero Vaccari JP, Dale G, Brand Iii FJ, Nonner D, Bullock M, Dahl GP, Dietrich W, Keane RW.

Journal of Cerebral Blood Flow and Metabolism 2014 Apr; 34(4):621.

Application: IP-WB, WB-Ti, Rat, Embryonic cortical neurons

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)