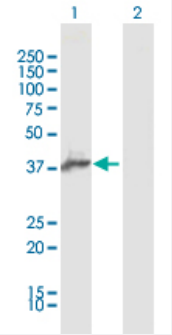
MaxPab®

AIM2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00009447-D01 Size 100 uL

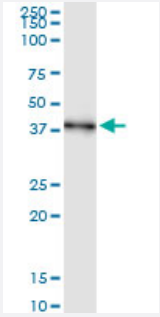
Applications



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 QKLNYMLLAKRLQEEKEKVDKQYKSVTKPKPLSQAEMSPAASAAIRNDVAKQRAAPKVSPHVKP EQKQMVAQQESIREGFQKRCLPVMVLKAKKPFTFETQEGKQEMFHATVATEKEFFFVKVFNTLL KDKFIPKRIIIIARYYRHSGFLEVNSASRVLDAESDQKVNVPLNIIRKAGETPKINTLQTQPLGTIVNGLF VVQKVTEKKKNILFDLSDNTGKMEVLGVRNEDTMKCKEGDKVRLTFFTLSKNGEKLQLTSGVHST IKVIKAKKKT
Host	Rabbit

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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

  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).

  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

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Gene Summary	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. [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

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