

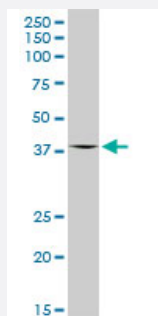
MaxPab®

OAS1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004938-D01P

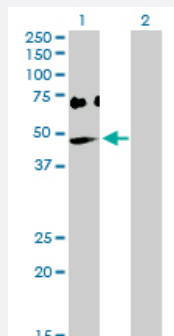
Size 100 ug

Applications



Western Blot (Cell lysate)

OAS1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OAS1 expression in MCF-7.



Western Blot (Transfected lysate)

Western Blot analysis of OAS1 expression in transfected 293T cell line ([H00004938-T02](#)) by OAS1 MaxPab polyclonal antibody.

Lane 1: OAS1 transfected lysate(46.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human OAS1 protein.

Immunogen

OAS1 (NP_058132.2, 1 a.a. ~ 400 a.a) full-length human protein.

Sequence

MMDLRNTPAKSLDKFIEDYLLPDTCFRMQINHAIICGFLKERCFRGSSYPVCVSKVVKGGSSGK
GTTLRGRSDADLVVFLSPLTTFQDQLNRRGEFIQEIRRQLEACQRERAFSVKFEVQAPRWGNPRA
LSFVLSSLQLGEGVEFDVLPAFDALGQLTGGYKPNPQIYVKLIEECTDLQKEGEFSTCFTELQRDF
LKQRPTKLKSLIRLVKHWHYQCKKKLGLPPQYALELLTVYAWERGSMKTHFNATAQGFRTVLELVI
NYQQLCIYWTKYDFKNPIIEKYLRRLTKPRVILDPADPTGNLGGGDPKGWRQLAQEAQAWLNY
PCFKNWDGSPVSSWILLAESNSADDETDDPRRYQKYGYGTHEYPHFSHRPSTLQAASTPQAEED
DWTCTIL

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

OAS1 MaxPab rabbit polyclonal antibody. Western Blot analysis of OAS1 expression in MCF-7.

[Protocol Download](#)

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Western Blot analysis of OAS1 expression in transfected 293T cell line ([H00004938-T02](#)) by OAS1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — OAS1

Entrez GeneID	4938
GeneBank Accession#	NM_016816.2
Protein Accession#	NP_058132.2
Gene Name	OAS1
Gene Alias	IFI-4, OIAS, OIASI
Gene Description	2',5'-oligoadenylate synthetase 1, 40/46kDa
Omim ID	164350 222100
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses a deinosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Mutations in this gene have been associated with host susceptibility to viral infection. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations

(2'-5') oligoadenylate synthetase 1|2',5'-oligo A synthetase 1|2',5'-oligoadenylate synthetase 1|2',5'-oligoadenylate synthetase 1 (40-46 kD)|2'-5' oligoadenylate synthetase 1 p48 isoform|2'-5' oligoadenylate synthetase 1 p52 isoform|2'-5'-oligoisoadenyla

Disease

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
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- [Hepatitis C](#)
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- [Multiple Sclerosis](#)
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