

## OAS1 antibody

Catalog No: #38417

Package Size: #38417-1 50ul #38417-2 100ul

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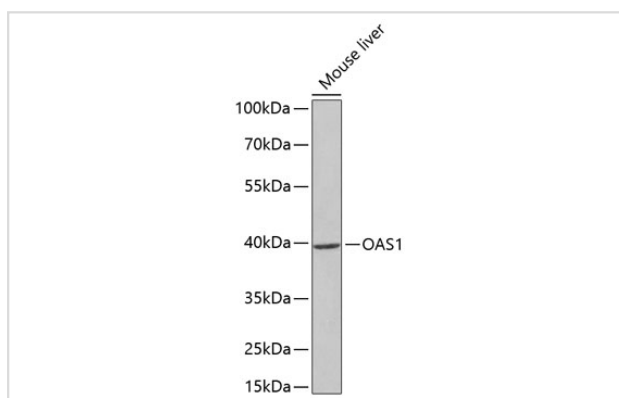
## Description

Product Name	OAS1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total OAS1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human OAS1 (NP_002525.2).
Target Name	OAS1
Other Names	OAS1;E18/E16;IFI-4;OIAS;OIASI
Accession No.	Uniprot:P00973GeneID:4938
SDS-PAGE MW	40kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of mouse liver, using OAS1 antibody.

## Background

This gene is induced by interferons and encodes a protein that synthesizes 2',5'-oligoadenylates (2-5As). This protein activates latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. Alternative splicing results in multiple transcript variants with different enzymatic

activities. Polymorphisms in this gene have been associated with susceptibility to viral infection and diabetes mellitus, type 1. A disease-associated allele in a splice acceptor site influences the production of the p46 splice isoform. This gene is located in a cluster of related genes on chromosome 12.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.