

# OAS1 Rabbit Polyclonal Antibody



CAB14623

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

46kDa

### Calculated MW:

41kDa/43kDa/46kDa/47kDa

### Applications:

WB

### Reactivity:

Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

4938

### Uniprot

P00973

### Synonyms:

OAS1; E18/E16; IFI-4; OIAS; OIASI

### Immunogen:

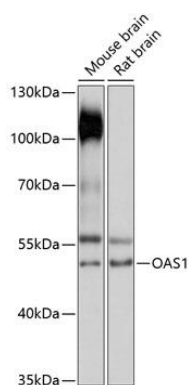
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human OAS1 (NP\_002525.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using OAS1 antibody (CAB14623) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.