

A2530

Leader in Biomolecular Solutions for Life Science



## OAS1 Rabbit pAb

Catalog No.: A2530

### Basic Information

**Observed MW**

40kDa

**Calculated MW**

46kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human, Mouse

### Background

This interferon-induced gene encodes a protein that synthesizes 2',5'-oligoadenylates (2-5As). This protein plays a key role in innate cellular antiviral response, and has been implicated in other cellular processes like cell growth and apoptosis. Alternative splicing results in multiple transcript variants with different enzymatic activities. Polymorphisms in this gene have been associated with susceptibility to viral infection, including SARS-CoV-2, and diabetes mellitus, type 1. This gene is located in a cluster of related genes on chromosome 12.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

**Gene ID**

4938

**Swiss Prot**

P00973

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-364 of human OAS1 (NP\_058132.2).

**Synonyms**

OIAS; IFI-4; OIASI; IMD100; E18/E16; OAS1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

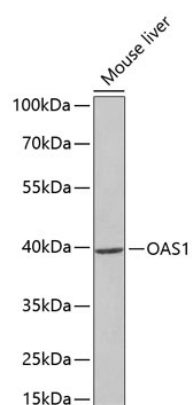
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of lysates from mouse liver, using OAS1 Rabbit pAb (A2530) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.