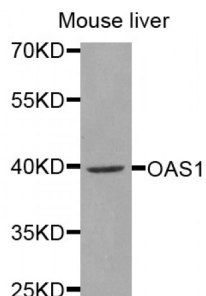


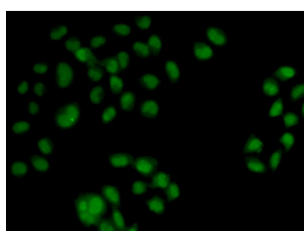
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2-5-Oligoadenylate Synthetase 1 (OAS1) Antibody

Catalogue No.: abx001970



Western blot analysis of extracts of mouse liver, using OAS1 antibody (abx001970) at 1/1000 dilution.



Immunofluorescence analysis of HeLa cells using OAS1 antibody (abx001970).

OAS1 Antibody is a Rabbit Polyclonal antibody against OAS1. 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 adenosine 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.

Target: 2-5-Oligoadenylate Synthetase 1 (OAS1)

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human OAS1.

Purification: Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 41 kDa/43 kDa/46 kDa/47 kDa Observed MW: 40 kDa
Swiss Prot:	P00973
GeneID:	4938
Gene Symbol:	OAS1
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.