

Datasheet for ABIN1713688  
**anti-OAS2 antibody (AA 401-500)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	OAS2
Binding Specificity:	AA 401-500
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OAS2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Dog,Pig
Purification:	Purified by Protein A.

## Target Details

Target:	OAS2
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## Target Details

Alternative Name:	OAS2 ( <a href="#">OAS2 Products</a> )
Background:	<p>Synonyms: 2'-5'oligoA synthase 2, 2'-5'oligoA synthetase 2, 2''-5''-oligoadenylate synthase 2, 2'-5'-oligoadenylate synthetase 2, 2'-5'-oligoadenylate synthetase 2, 69/71 kDa, 2-5A synthase 2, 2-5A synthetase 2, MGC78578, OAS2, OAS2_HUMAN, p69 OAS / p71 OAS, p69OAS / p71OAS.</p> <p>Background: 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. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008].</p>
Pathways:	<a href="#">Hepatitis C</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

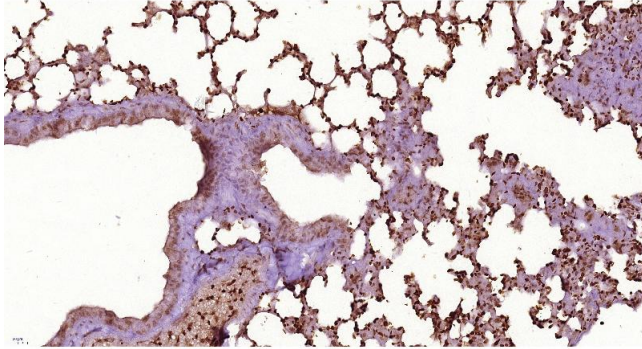
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

## Handling

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded Mouse lung, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with OAS2 Polyclonal Antibody, Unconjugated (bs-15588R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody and DAB staining.