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Datasheet for ABIN1703997  
**anti-OAS3 antibody (AA 901-1000) (Cy5)**

### Overview

Quantity:	100 µL
Target:	OAS3
Binding Specificity:	AA 901-1000
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAS3 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OAS3
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

### Target Details

Target:	OAS3
Alternative Name:	OAS3 ( <a href="#">OAS3 Products</a> )

## Target Details

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**Background:** Synonyms: 2-5'oligoA synthase 3, 2 5' oligoA synthetase 3, 2 5'LIGO, 2 5A synthetase 3, 2"-5"-oligoadenylate synthase 3, 2-5A synthase 3, MGC133260, OAS3 2' 5' oligoadenylate synthetase 3, 100 kDa, OAS3, OAS3\_HUMAN, p100, p100 OAS, p100OAS.

Background: The 2'- 5'- oligoadenylate synthetase (OAS) family is comprised of four members: OAS1, OAS2, OAS3 and OASL. These proteins are induced by interferons and function to convert ATP into 2'- 5'- linked oligomers of adenosine in the presence of double-stranded RNA and magnesium ions. Copper, iron and zinc ions strongly inhibit the OAS enzymatic activity, while manganese ions can replace magnesium ions as an activator. The OAS family plays a significant role in the inhibition of cellular protein synthesis, apoptosis and growth, and its members are important factors in viral infection resistance. OAS3, also referred to as p100, contains three adjacent OAS1-like domains and maps to the human chromosome 12q24.2

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**Gene ID:** 4940

**Pathways:** [Hepatitis C](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months