



[Go to Product page](#)

Datasheet for ABIN6748517  
**anti-OAS1 antibody (N-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	OAS1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Pig, Horse, Rabbit, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human OAS1 (P00973-2, NP_002525). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Rabbit (100%), Mouse, Bovine, Horse (85%), Opossum (83%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human OAS1
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Mouse, Bovine, Horse (85%).
Purification:	Immunoaffinity purified

## Target Details

---

Target:	OAS1
Alternative Name:	OAS1 ( <a href="#">OAS1 Products</a> )
Background:	Name/Gene ID: OAS1  Synonyms: OAS1, 2,5-oligo A synthetase 1, 2-5A synthetase 1, 2-5A synthase 1, 2-5-oligoadenylate synthase 1, E18/E16, OIASI, OIAS, p46/p42 OAS, IFI-4
Gene ID:	4938
NCBI Accession:	<a href="#">NP_002525</a>
UniProt:	<a href="#">P00973</a>
Pathways:	<a href="#">Hepatitis C</a>

## Application Details

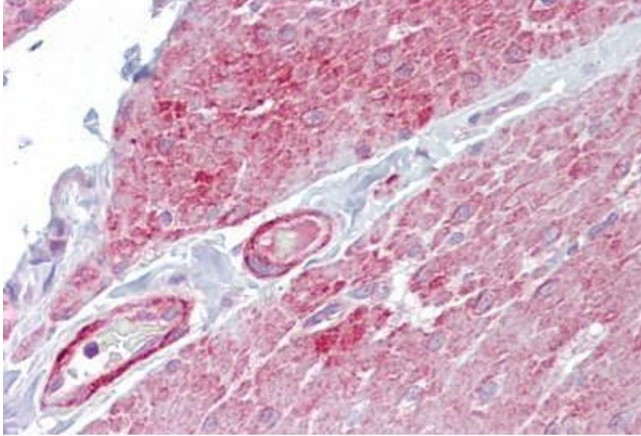
---

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)  Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as second antibody. ELISA titer in peptide based assay: 1:1562500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

---

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)  Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



### Immunohistochemistry

**Image 1.** Anti-OAS1 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN958313 concentration 5 ug/ml.