

Datasheet for ABIN545734
anti-OAS1 antibody (C-Term)[Go to Product page](#)[2 Images](#)[3 Publications](#)

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | OAS1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This OAS1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-------------------|--|
| Purpose: | Rabbit polyclonal antibody raised against synthetic peptide of OAS1. |
| Immunogen: | A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human OAS1. |
| Cross-Reactivity: | Human, Mouse |

Target Details

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|-------------------|---|
| Target: | OAS1 |
| Alternative Name: | OAS1 / OIAS (OAS1 Products) |
| Gene ID: | 4938 |
| Pathways: | Hepatitis C |

Application Details

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| Application Notes: | ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user. |
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|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

Handling

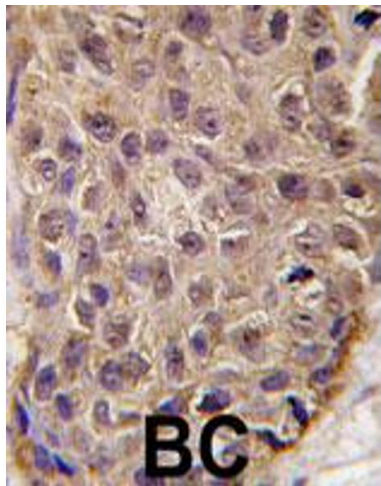
| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | In PBS (0.09 % sodium azide) |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |

Publications

| | |
|-------------------|--|
| Product cited in: | Wang, Ghosh, Baigude, Yang, Qiu, Xia, Zhou, Rana, Xu: "Therapeutic gene silencing delivered by a chemically modified small interfering RNA against mutant SOD1 slows amyotrophic lateral sclerosis progression." in: The Journal of biological chemistry , Vol. 283, Issue 23, pp. 15845-52, (2008) (PubMed). |
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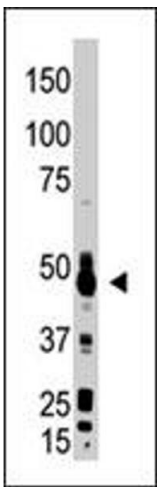
Alimirah, Chen, Davis, Choubey: "IFI16 in human prostate cancer." in: **Molecular cancer research : MCR**, Vol. 5, Issue 3, pp. 251-9, (2007) ([PubMed](#)).

Han, Townsend, Jha, Paranjape, Silverman, Barton: "A phylogenetically conserved RNA structure in the poliovirus open reading frame inhibits the antiviral endoribonuclease RNase L." in: **Journal of virology**, Vol. 81, Issue 11, pp. 5561-72, (2007) ([PubMed](#)).



Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with OAS1 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated.



Western Blotting

Image 2. The OAS1 polyclonal antibody is used in Western blot to detect OAS1 in mouse liver lysate.