

## Anti-OASL Antibody (C-term)

Catalog Number: A04123-1

### About OASL

2-prime,5-prime oligoadenylates (2-5As) bind to and activate RNase L, leading to degradation of RNA and inhibition of protein synthesis. 2-5As are produced by 2-5A synthetases (OASs), a highly-conserved family of interferon-induced enzymes. The predicted 514-amino acid human p59OASL (2-5A synthetases-like) protein shares a highly conserved N-terminal domain with other OASs. The C-terminal portion of p59OASL contains 2 ubiquitin-like domains. p59OASL is expressed in most tissues, with the highest levels in hematopoietic tissues, colon, and stomach.

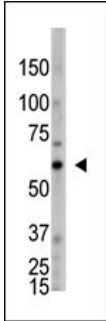
### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-OASL Antibody (C-term)  |
| Reactive Species     | Human  |
| Description          | Boster Bio Anti-OASL Antibody (C-term) (Catalog # A04123-1). Tested in WB, IHC-P application(s). This antibody reacts with Human.        |
| Application          | IHC-P, WB  |
| Clonality            | Polyclonal   |
| Formulation          | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.  |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host                 | Rabbit   |
| Uniprot ID           | Q15646   |

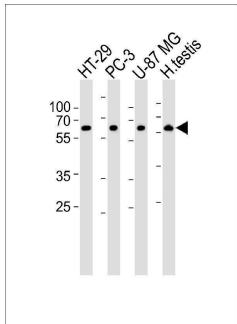
### Technical Details

|                            |  |
|----------------------------|--|
| Immunogen                  | This OASL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 484-514 amino acids from the C-terminal region of human OASL. |
| Predicted Reactive Species | Rat  |
| Isotype                    | Rabbit IgG   |
| Purification               | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.  |
| Suggested Dilutions        | WB: 1:1000<br>IHC-P: 1:50-1:100  |

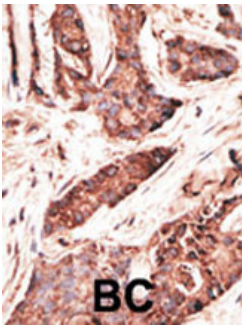
## Anti-OASL Antibody (C-term) (A04123-1) Images



The anti-OASL C-term Antibody is used in Western blot to detect OASL in HL60 lysate.



Western blot analysis of lysates from HT-29, PC-3, U-87 MG cell line and human testis tissue lysate (from left to right), using OASL Antibody T499. A04123-1 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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