

## Anti-Alpha Internexin INA Intermediate Neurofilament Antibody

Catalog Number: M03756-3

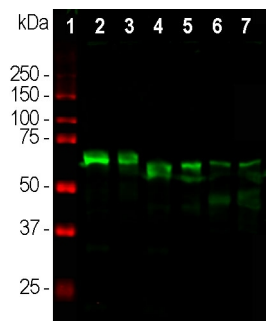
### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Alpha Internexin INA Intermediate Neurofilament Antibody  |
| Reactive Species     | Bovine, Equine, Human, Mouse, Pig, Rat   |
| Description          | Boster Bio Anti-Alpha Internexin INA Intermediate Neurofilament Antibody catalog # M03756-3. Tested in IF, IHC, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, Rat. |
| Application          | IF, IHC, WB  |
| Clonality            | Polyclonal   |
| Formulation          | Supplied as an aliquot of IgY preparation plus 5mM NaN <sub>3</sub>  |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.   |
| Host                 | Chicken  |
| Uniprot ID           | Q03600   |

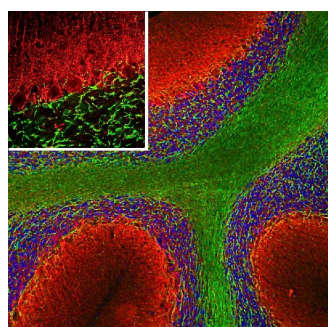
### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | Purified full length recombinant rat -internexin expressed in and purified from E. coli.   |
| Concentration       | 0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.   |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows:<br>Boster Bio's internal QC testing used:<br>Western blot: 1:10,000. ICC/IF and IHC: 1:1,000. |

## Anti-Alpha Internexin INA Intermediate Neurofilament Antibody (M03756-3) Images



Western blot analysis of different tissue lysates using chicken pAb to -Internexin, M03756-3, dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] cow spinal cord and [7] pig spinal cord. M03756-3 antibody reveals the -internexin protein with apparent molecular weight of 64 to 66kDa, with some variability among different species.



Immunofluorescent analysis of a rat cerebellum section stained with chicken pAb to -internexin, M03756-3, dilution 1:5,000 in red, and costained with mouse mAb to MBP, 1:5,000 in green. Following transcardial perfusion of the rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45M, and free-floating sections were stained with the above antibodies. The -internexin antibody selectively stains axons and dendrites of neuronal cells, in particular Purkinje cells, parallel fibers and the axons of granule cells, while the MBP antibody stains myelin sheaths around axons.

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