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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti- Alpha-internexin INA NF66 Antibody

Catalog Number: M03756-2

Overview

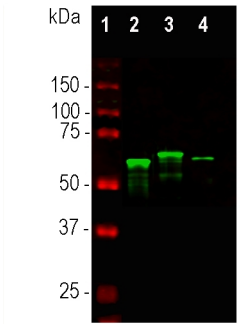
Product Name	Anti- Alpha-internexin INA NF66 Antibody
Reactive Species	Bovine, Equine, Human, Mouse, Pig, Rat
Description	Boster Bio Anti- Alpha-internexin INA NF66 Antibody catalog # M03756-2. Tested in IF, IHC, WB applications. This antibody reacts with Bovine, Equine, Human, Mouse, Pig, Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Antibody is supplied as an aliquot of serum.
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	Rabbit
Uniprot ID	Q03600

Technical Details

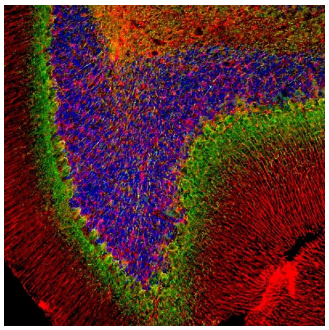
Immunogen	Purified recombinant rat -internexin expressed in and purified from E. coli.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blot: 1:10,000-1:20,000. ICC/IF and IHC: 1:500-1:1,000.

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Anti- Alpha-internexin INA NF66 Antibody (M03756-2) Images



Western blot analysis of whole tissue lysates using rabbit pAb to -internexin, M03756-2, dilution 1:10,000 in green: [1] protein standard (red), [2] mouse spinal cord, [3] rat spinal cord, [4] bovine spinal cord. Major bands in the 64-66kDa range corresponds to -internexin. The -internexin protein from different species is known to vary slightly in SDS-PAGE molecular weight.



Immunofluorescent analysis of rat cerebellum section stained with rabbit pAb to -internexin, M03756-2, dilution 1:2,000, in green, and chicken pAb to GFAP, dilution 1:5,000, in red. Blue is DAPI staining of nuclear DNA. Following transcardial perfusion with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45M, and free-floating sections were stained with above antibodies. The -internexin antibody selectively stains axons and dendrites of neuronal cells, in particular Purkinje cells and parallel fibers the axons of granule cells. The GFAP antibody labels network of glial cells, such as astrocytes in the granule cell layer and white matter and Bergmann glia in the molecular layer.

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