

Neurofilament alpha-internexin/NF66 Antibody | anti-NF66 antibody

Neurofilament alpha-internexin/NF66, Polyclonal Antiserum, Rabbit

CATALOG # AAA76485	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunofluorescence
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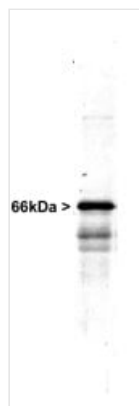
PRODUCT SYNONYMS

Neurofilament alpha-internexin/NF66; Polyclonal Antiserum; Rabbit; anti-NF66 antibody

PRODUCT SPECIFICATIONS

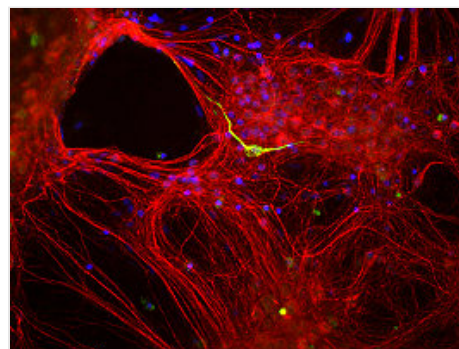
Reactivity	Human, Mouse, Rat
Form/Format	Liquid
Applicable Applications for anti-NF66 antibody	WB (Western Blot), IF (Immunofluorescence)
Type Info	Rabbit IgG
Immunogen	recombinant alpha-internexin

IMAGES



Application Data

Image: Western blot of whole rat spinal cord homogenate stained with RPCA-a-Int, at dilution of 1:20,000. A prominent band running at ~66kDa is apparent, as well as smaller lower bands which are apparently degradation products. A minor band at ~150kDa is also seen, apparently resulting from dimerization of alpha-internexin. Protocol on datasheet.



Application Data

Image: Mixed neuron-glia cultures stained with rabbit antibody to alpha-internexin (red) and chicken antibody to peripherin (green). The alpha internexin antibody stains numerous axonal and dendritic profiles in these cultures, while peripherin antibody binds to only a subset of neurons. Protocol on data-sheet

ADDITIONAL INFORMATION

Related Product Information for anti-NF66 antibody

alpha-internexin is a ~66 kDa Class IV intermediate filament originally discovered as it copurifies with other neurofilament subunits. It is related to but distinct from the better known neurofilament triplet proteins, NF-L, NF-M and NF-H, having similar protein sequence motifs and a similar intron organization. It is expressed in large amounts early in neuronal development, but is downregulated in many neurons as development proceeds. Many classes of mature neurons contain alpha-internexin in addition to NF-L, NF-M and NF-H. In some mature neurons alpha-internexin is the only neurofilament subunit expressed. Antibodies to internexin are therefore unique probes to study and classify neuronal types and follow their processes in sections and in tissue culture. In addition the very early developmental expression of alpha-internexin means its presence is an early and convenient feature of neuronal progenitors cells and other cell committed to the neuronal lineage.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/neurofilament-alpha-interneixin-nf66/76485>