



**RABBIT ANTI-NEUROFILAMENT H
(LYSINE-SERINE-PROLINE REPEAT)
POLYCLONAL ANTIBODY**

- CATALOG NUMBER:** AB1991
- LOT NUMBER:**
- QUANTITY:** 50 µL
- SPECIFICITY:** Strong reactivity to the major neurofilament subunit HF-H. Since a second neurofilament subunit, NF-M, also contains a few lysine-serine-proline sequences, there is generally some reactivity with this protein also. AB1991 stains both phosphorylated and dephosphorylated neurofilaments.
- IMMUNOGEN:** *E. Coli* recombinant fusion protein containing 37 lysine-serine-proline repeats of rat NF-H.
- APPLICATIONS:** Immunohistochemistry: 1:250-1:1,000 AB1991 is not affected by the level of neurofilament phosphorylation and is particularly good for revealing dendritic and perikaryal neurofilaments.
Immunoblotting
Electron microscopy.
Optimal working dilutions must be determined by end user.
- SPECIES REACTIVITIES:** Reactive in all higher vertebrates examined, including human, mouse, rat, cow, pig, chicken, and certain reptiles.
- FORMAT:** Neat rabbit antisera.
- STORAGE/HANDLING:** Maintain at -20°C in undiluted aliquots for up to 12 months. Avoid repeated freeze/thaw cycles.
- REFERENCES:** *J. Neurosci.* (1991). **30**:47-62.
J. Neurosci. Res. (1994) **37**:515-528.
J. Neurocytology (1996) **25**:181-196.

Important Note: *During shipment, small volumes of antibody will occasionally become entrapped in the seal of the product vial. For antibodies with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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