



## GUINEA PIG ANTI-PRODYNORPHIN POLYCLONAL ANTIBODY

<b>CATALOG NUMBER:</b>	AB5519
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	50 µL
<b>SPECIFICITY:</b>	ProDynorphin, rat.
<b>IMMUNOGEN:</b>	Synthetic peptide from rat ProDynorphin.
<b>APPLICATIONS:</b>	Immunohistochemistry: 1:500 <i>Optimal working dilutions must be determined by the end user.</i>
<b>SPECIES REACTIVITIES:</b>	Rat. Other species have not been tested.
<b>FORMAT:</b>	Affinity purified
<b>PRESENTATION:</b>	Affinity purified Guinea pig antibody in PBS containing 0.05% sodium azide
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
<b>RELATED REFERENCES:</b>	Avidsson, U., et al., <i>PNAS.USA</i> (1995) <b>92</b> :5062-5066.

## APPLICATION NOTES FOR AB5519

### IMMUNOHISTOCHEMISTRY

Perfusion: 1) Ca<sup>2+</sup>-free Tyrode's solution followed by 2) paraformaldehyde-picric acid fixative and 3) 10% sucrose in PBS as a cryo-protectant. Tissues were rapidly dissected out and stored overnight in 0.1 M phosphate buffer (pH 7.4) containing 10% sucrose.

Slide-mounted tissue sections were incubated with blocking buffer for 1 hour at room temperature. Primary antibody was diluted in blocking buffer to the appropriate working dilution. Blocking buffer was removed and the slides were then incubated at 2-8°C for 18-24 hours with AB5519. After rinsing in PBS 3 times sections were incubated for 60 minutes at room temperature with Cy3-conjugated secondary antibodies. After mounting in a mixture of PBS and glycerol (1:3) containing 0.1% p-phenylenediamine, sections were examined with a Nikon Microphot-SA epifluorescence microscope.



**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L 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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