



RABBIT ANTI- δ (DELTA) OPIOID RECEPTOR POLYCLONAL ANTIBODY

CATALOG NO:	AB1560
LOT NUMBER:	
QUANTITY:	50 μ L
SPECIFICITY:	Delta opioid receptor.
IMMUNOGEN:	Delta opioid receptor N-terminal peptide (LVPSARAELQSSPLV).
APPLICATIONS:	Immunohistochemistry on CNS tissues fixed in PLP: 1:1,000. Reactive on paraffin embedded tissue. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Mouse and rat.
FORMAT:	Whole rabbit antiserum
PRESENTATION:	Liquid
STORAGE:	Maintain at -20°C in undiluted aliquots for up to one year after date of receipt. Avoid repeated freeze-thaw cycles.
REFERENCE:	<i>Brain Research</i> (1996) 738 :181-195. <i>J of Comparative Neurology</i> (1997) 381 :373-387. Persson, PA, et al., <i>J. Neuroscience Research</i> (2000) 61 :371-375. Varona, A., et al., <i>Drug Research</i> (2003) 53 :21-25. Saland, L.C., et al., <i>Neuroscience Letters</i> (2005) 381 :163-168. Persson, A.I., et al., <i>Neuroscience Research</i> (2005) 52 :1-9.

ALSO AVAILABLE

δ (delta) Opioid Receptor Peptide (Catalog Number AG288)
For use in antibody blocking studies.



IMMUNOHISTOCHEMISTRY PROTOCOL FOR AB1560

This antibody has been used successfully on 30 μ m, free floating, 4% paraformaldehyde fixed rat brain tissue. All steps are performed under constant agitation. Suggested protocol follows.

- 1) 3 x 10 minute washes in TBS (without Triton).
- 2) Incubate for 30 minutes in TBS with 3% serum (same as host from secondary antibody).
- 3) Incubate primary antibody diluted appropriately in TBS with 1% serum (same as host from secondary antibody) (without Triton) for 2 hours at room temperature followed by 16 hours at 4°C.
- 4) 3 x 10 minute washes in TBS.
- 5) Incubate with secondary antibody diluted appropriately in TBS with 1% serum (same as host from secondary antibody).
- 6) 3 x 10 minute washes in TBS.
- 7) ABC Elite (1:200 Vector Labs) in TBS.
- 8) 2 x 10 minute washes in TBS.
- 9) 1 x 10 minute wash in phosphate buffer (no saline).
- 10) DAB reaction with 0.06% NiCl added for intensification.
- 11) 2 x 10 minute washes in PBS.
- 12) 1 x 10 minute wash in phosphate buffer (no saline).

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 μ 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.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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