

**RABBIT ANTI-SNAP-25
POLYCLONAL ANTIBODY**

- CATALOG NUMBER:** AB1762
- LOT NUMBER:** xxxxxxxx
- QUANTITY:** 50 µL
- SPECIFICITY:** SNAP-25 (synaptosome-associated protein of 25 kDa) is a SNAP (soluble N-ethylmaleimide-sensitive fusion (NSF) attachment protein) receptor (SNARE-related protein) which is tightly associated with the plasma membrane by means of the palmitoylation of a cluster cystein residues with its structure. No cross reactivity with SNAP-23 is expected.
- SNAP-25 is specifically cleaved close to the carboxyl terminal by the botulinum neurotoxins (BoNT) A and E which are known to inhibit neurotransmitter release. Similar inhibitory effects of BoNT/A and E have been recorded for non-neuronal secretory cells, such as adrenal medulla, and this lead to the identification of SNAP-25 in SNARE-like complexes precipitated from chromaffin cells.
- IMMUNOGEN:** A synthetic peptide from the C-terminal heptadeapeptide of mouse SNAP-25 (corresponding to residues Cys + 190-206: [C]RIDEANQRATKMLGSG).
- APPLICATIONS:** Western Blot: 1:1,000-1:2,000 (using ECL). Reacts strongly with a single major band (~25kDa) on denaturing Western blots of bovine adrenal medulla and rat brain fractions. Will not detect SNAP-25 following proteolysis with botulinum neurotoxins A and E.
- Immunohistochemistry. Optimal fixation and tissue processing will need to be determined by the end user.
- Optimal working dilutions must be determined by the end user.
- SPECIES REACTIVITY:** Bovine and rat.
- FORMAT:** Serum
- PRESENTATION:** Liquid containing 0.1% sodium azide.
- STORAGE/HANDLING:** Maintain at -20°C in undiluted aliquots for up to 12 months. Avoid repeated freeze/thaw cycles.
- REFERENCES:** *Nature* (1993) **365**:160-163.
Biochem. Biophys. Res. Comm. (1995) **212**:945-952.
J. Cell Biol. (1989) **109**:3039-3052.
FEBS Lett. (1994) **351**:207-210.
Cell (1993) **75**:409-418.

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USA & Canada • Phone: +1(800) 437-7500 • Fax: +1 (951) 676-9209 • Europe +44 (0) 23 8026 2233
Australia +61 3 9839 2000 • Germany +49-6192-207300 • ISO Registered worldwide
www.chemicon.com • custserv@chemicon.com • techserv@chemicon.com

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.

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