

## Rabbit anti-Mouse, Rat CCK-8 Antibody | anti-CCK-8 antibody

CCK-8 (Cholecystokinin Octapeptide) Antibody

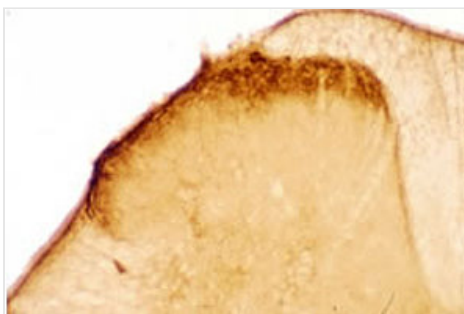
|                              |                       |                                 |                                           |
|------------------------------|-----------------------|---------------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA14443</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|------------------------------|-----------------------|---------------------------------|-------------------------------------------|

### PRODUCT SYNONYMS

CCK-8; CCK-8 (Cholecystokinin Octapeptide) Antibody; anti-CCK-8 antibody

### PRODUCT SPECIFICATIONS

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|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity                                      | Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format                                     | Lyophilized 100 ul with 0.09% sodium azide as a preservative.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length                                 | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Applicable Applications for anti-CCK-8 antibody | IF (Immunofluorescence)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Notes                               | <p>Immunofluorescence: 1:100-1:200 (Fluorescein)<br/>1:500-1:1,000 (Streptavidin/HRP).</p> <p>Tissue Preparation:<br/>10 um cryostats<br/>•Fixative: 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4; 500 mL over ~20-30 min.<br/>•Post Fixation: 1.5 hr. at 4°C in 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4.</p> <p>Immunohistochemistry:<br/>The antibody has significant indirect immunofluorescent staining at a 1/100-1/200 dilution and significant Biotin-Streptavidin/HRP immunostaining at a 1/500-1/1,000 dilution in rat hypothalamus and spinal cord. The specificity of the antiserum was examined by soluble pre-adsorption with the peptides in question at a final concentration of 10<sup>-6</sup> M CCK-8 immunolabeling was completely abolished by pre-adsorption with CCK-8, gastrin 17 and gastrin 34. Pre-adsorption with the following peptides resulted in no reduction of immunostaining: alphaACGRP, BETACGRP, neurotensin, somatostatin, substance P, leucine enkephalin, methionine enkephalin, VIP, neuropeptide Y, gastric inhibitory polypeptide, bombesin, glucagon, peptide YY, and FMRF amide.<br/>Optimal dilution should be determined by investigator.</p> |
| Immunogen Sequence                              | Sulfated CCK-8 (26-33) coupled to bovine thyroglobulin (BTg) with glutaraldehyde.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reconstitution                                  | Do not reconstitute until ready to use since the product is most stable when lyophilized. The product does not need to be cooled during shipping. For long-term storage, store lyophilized antibody until ready to use at -15° C or lower. Reconstitute with 100 µL of distilled or deionized water.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage                         | Maintain at 2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



### Application Data

Image: Cholecystikinin 8 terminals and fibers in rat dorsal horn (spinal cord), vibratome sections, ABC detection.

**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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-mouse-rat-antibody/cck-8/14443>