

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

CCK-8 (Cholecystokinin Octapeptide) Antibody

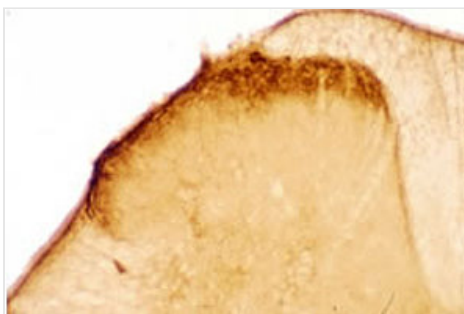
CATALOG # AAA14443	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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	Immunofluorescence: 1:100-1:200 (Fluorescein) 1:500-1:1,000 (Streptavidin/HRP). Tissue Preparation: 10 um cryostats •Fixative: 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4; 500 mL over ~20-30 min. •Post Fixation: 1.5 hr. at 4°C in 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4. Immunohistochemistry: 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^{-6} 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. Optimal dilution should be determined by investigator.
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: Cholecystokinin 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://www.aaabiotech.com/rabbit-mouse-rat-antibody/cck-8/14443>