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Product Description

Rabbit anti Calmodulin 465

Product: Rabbit antiserum against calmodulin.

Code No.: 465

Form: lyophilized whole serum (no preservatives).

Quantity: 200 µl.

Reconstitution: with 200 µl bidistilled water.

Description: This antibody was raised against performic acid-oxidized vertebrate calmodulin. It reacts preferentially with vertebrate calmodulin (chicken, bovine, rat, human) but shows minor cross-reactivity (<5%) with plant calmodulin (spinach).

Working dilutions:

Immunohistochemistry: 1: 1'000 for use with the avidin-biotin system.

Radioimmunoassay: use at 1:50 to 1:100 dilution to detect a minimum of 1 ng calmodulin (10 ng/ml or 600 pM calmodulin by concentration).

Western blot: 1:100 to 1:1'000 to detect down to 30 ng calmodulin on the gel.

Storage:

For long storage keep small aliquots of the reconstituted antiserum at minus 80°C (or at least at -20°C). Avoid repeated freeze-thaw cycles.

References:

L. Van Eldik and M. Watterson, J. Biol. Chem. 256: 4205-4210 (1981).