

Anti-Brain Natriuretic Peptide Serum (Rabbit)

AS-666

Lot # 1762

The antiserum was raised in a rabbit which was immunized with brain natriuretic polypeptide covalently attached onto a carrier protein. The antiserum has been characterized by RIA, ELISA, and cell staining techniques. This antiserum is specific for BNP and is suitable for use in immunocytochemical techniques. Dilute the lyophilized antiserum with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent of whole antiserum, or with additional buffer for more dilute antiserum.

Antiserum Specificity

Polypeptide	% Cross Reactivity
Brain Natriuretic Peptide	100
Atrial Natriuretic Peptide human	0
ACTH (1-39) human	0
Calcitonin human	0
Vasoactive Intestinal Peptide	0

Immunocytochemical Staining

This antiserum has been found to stain 3% buffered paraformaldehyde fixed rat brain sections using an indirect immunofluorescent staining procedures at a dilution of 1:1000. Please note that higher dilutions may also yield positive results. We recommend performing a small titration experiment starting at a dilution of 1:1000 in order to determine the antibody dilution that gives the best specific staining with little or no background in your specific procedure.