



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Brain Natriuretic Peptide-45 (BNP-45)

BNP-45 represents the 45 amino acids at the C-terminus and the sequence identity between rat and mouse BNP prohormones is found to be more conserved in the N-terminal portion of the prohormone than in the C-terminal BNP-45 (88% versus 64%).

This antibody was generated by immunization of rabbits with BAM-45 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4211 (Lot A05791)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Rat
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Ser-Gln-Asp-Ser-Ala-Phe-Arg-Ile-Gln-Glu-Arg-Leu-Arg-Asn-Ser-Lys-Met-Ala-His-Ser-Ser-Ser-Cys-Phe-Gly-Gln-Lys-Ile-Asp-Arg-Ile-Gly-Ala-Val-Ser-Arg-Leu-Gly-Cys-Asp-Gly-Leu-Arg-Leu-Phe-OH (Disulfide bridge:23-39) coupled to carrier protein.
Protein database:	n/a

Applications:

Tested in immunohistochemistry (IHC) and ELISA against BNP-45. Other applications like FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:

Frozen sections: not tested yet.

Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

T-4210-: Rabbit anti BNP-45 (rt), purified IgG

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.