

A90225Ov01
Polyclonal Antibody to Atrial Natriuretic Peptide (ANP)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

[PRODUCT INFORMATION]

Immunogen: ANP

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Ovine

Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

Applications: WB, ICC, IHC-P, IHC-F

Form: Liquid

Size: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant ovine ANP (Asn25~Arg152) expressed in *E.coli*.

Molecular Weight: 15.5 kDa

USCN accession No.: P90225Ov01

Sequence: The target protein is fused with a His-tag and its sequence is listed below.

MGHHHHHHSGSEF-NPVYGS VSNADLMDFK NLLDRLEDKM PLEDEAVPSQ VLSEQNEEAG APLSPLSEVP PWDGGRSTQP
REMGAPSDGD PGNPPRSVLL KSKLRALLTA PRSLRRSSCF GGRMDRIGAQ SGLGCNSFRY RR



[ANTIBODY SPECIFICITY]

Anti ANP is a rabbit polyclonal antibody raised against ovine ANP. This antibody has been selected for its ability to recognize ovine ANP in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

