



# ANFC Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-07714                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>                   | NPPC CNP2                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>                   | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>                 | ANFC Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                 |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                          |
| <b>Dilution</b>                    | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                               |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                    | CN37;CNP1;HLD20;CNPase;Cnp-1;CNP;CNPF;CNPI;CNPII;CN37_BOVIN; Elastase 2';3'-cyclic-nucleotide 3'-phosphodiesterase;3.1.4.37;CN37_HUMAN; CN37_MOUSE;ANFC_PIG;NPPC;CN37_RAT;ANFC_SHEEP;2';3'-cyclic nucleotide 3' phosphodiesterase;ANFC;NPPC CNP2;C-type natriuretic peptide [Cleaved into: CNP-22;CNP-29;CNP-53]                                                                               |
| <b>Observed Band</b>               | 13kD                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> | 13kD                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Secreted.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tissue Specificity</b>          | [CNP-22]: In the kidney, predominantly expressed in the distal tubular cells (at protein level).                                                                                                                                                                                                                                                                                               |
| <b>Function</b>                    | function:Vasorelaxant activity. Has a cGMP-stimulating activity., similarity:Belongs to the natriuretic peptide family.,                                                                                                                                                                                                                                                                       |
| <b>Background</b>                  | This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include the cardiac natriuretic peptides CNP-53, CNP-29 and CNP-22, which belong to the natriuretic family of peptides. The encoded peptides exhibit vasorelaxation activity in laboratory animals and elevated levels of CNP-22 have been observed in the plasma of |

chronic heart failure patients. [provided by RefSeq, Oct 2015],

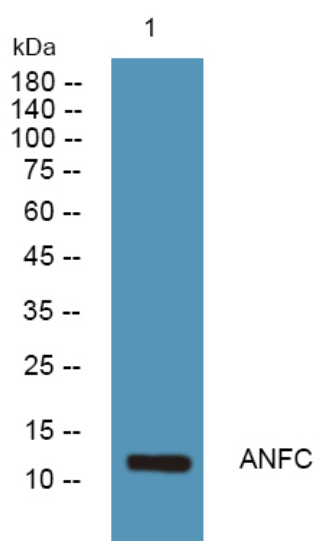
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night