

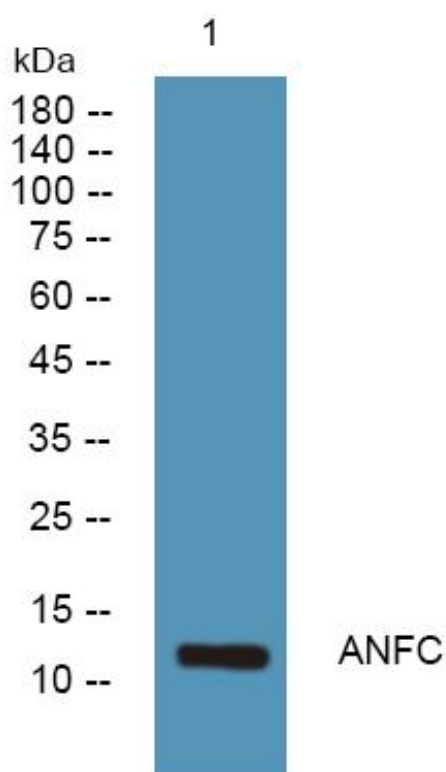


# ANFC Monoclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No                | YP-mAb-07714                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applications              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Name                 | NPPC CNP2                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Protein Name              | C-type natriuretic peptide [Cleaved into: CNP-22; CNP-29; CNP-53]                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen                 | Synthesized peptide derived from part region of human protein                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity               | ANFC Monoclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                 |
| Formulation               | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                 |
| Source                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                           |
| Dilution                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Concentration             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage Stability         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Synonyms                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Observed Band             | 13kD                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Cell Pathway              | Secreted.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Tissue Specificity        | [CNP-22]: In the kidney, predominantly expressed in the distal tubular cells (at protein level).                                                                                                                                                                                                                                                                                                                                                               |
| Function                  | function:Vasorelaxant activity. Has a cGMP-stimulating activity.,similarity:Belongs to the natriuretic peptide family.,                                                                                                                                                                                                                                                                                                                                        |
| Background                | 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 various cells using ANFC Monoclonal Antibody