

## Product Datasheet

### ANP Polyclonal Antibody GRP449

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|----------------------------|--|
| <b>Description</b>         | Hormone playing a key role in cardiovascular homeostasis through regulation of natriuresis, diuresis, and vasodilation. Also plays a role in female pregnancy by promoting trophoblast invasion and spiral artery remodeling in uterus. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3. |
| <b>Species/Host</b>        | Rabbit   |
| <b>Reactivity</b>          | Human, Mouse, Rat  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Tested Applications</b> | IHC-P, WB  |
| <b>Immunogen</b>           | KLH conjugated synthetic peptide derived from human ANP:124-151/153 (public_immunogen_range: 124-151/153)  |
| <b>Form/Appearance</b>     | Aqueous buffered solution containing 1% BSA, 50% glycerol and 0.09% sodium azide.  |
| <b>Concentration</b>       | 1ug/ul   |
| <b>Storage</b>             | Store at -20°C for 12 months.  |
| <b>Note</b>                | For research use only.   |
| <b>Isotype</b>             | IgG  |
| <b>Clonality</b>           | Polyclonal   |
| <b>Purity</b>              | Purified by Protein A.   |
| <b>Uniprot ID</b>          | <b>P01160</b>  |
| <b>Entrez</b>              | <b>4878</b>  |
| <b>Dilution Range</b>      | WB: 1:300-1000, IHC-P: 1:200-400   |

