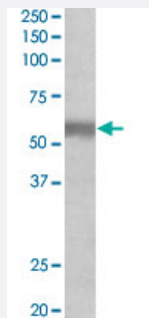


# NPR3 polyclonal antibody

Catalog # PAB24575      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

NPR3 polyclonal antibody (Cat # PAB24575) (1 ug/mL) staining of human placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

|                             |                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Goat polyclonal antibody raised against synthetic peptide of NPR3.                                                |
| <b>Immunogen</b>            | A synthetic peptide corresponding to amino acids 520-533 at C-terminus of human NPR3.                             |
| <b>Sequence</b>             | C-HRELREDSIRSHFS                                                                                                  |
| <b>Host</b>                 | Goat                                                                                                              |
| <b>Theoretical MW (kDa)</b> | 52                                                                                                                |
| <b>Reactivity</b>           | Human                                                                                                             |
| <b>Specificity</b>          | The immunizing peptide represents the cytoplasmic part of the protein.                                            |
| <b>Form</b>                 | Liquid                                                                                                            |
| <b>Purification</b>         | Antigen affinity purification                                                                                     |
| <b>Recommend Usage</b>      | ELISA (1:16000)<br>Western Blot (1-3 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>       | In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)                                                   |

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

NPR3 polyclonal antibody (Cat # PAB24575) (1 ug/mL) staining of human placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — NPR3

**Entrez GeneID**[4883](#)**Protein Accession#**[NP\\_000899.1](#)**Gene Name**

NPR3

**Gene Alias**

ANPRC, GUCY2B, NPRC

**Gene Description**

natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)

**Omim ID**[108962](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The family of natriuretic peptides (see MIM 108780) elicit a number of vascular, renal, and endocrine effects that are important in the maintenance of blood pressure and extracellular fluid volume. These effects are mediated by specific binding of the peptides to cell surface receptors in the vasculature, kidney, adrenal, and brain.[supplied by OMIM]

**Other Designations**

-

## Disease

- [Brain Ischemia](#)

- [Cardiovascular Diseases](#)

- [Cerebrovascular Accident](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Recurrence](#)
- [Tobacco Use Disorder](#)
- [Ventricular Dysfunction](#)