A16932

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# NPR3 Rabbit pAb

**Catalog No.: A16932**

## Basic Information

**Observed MW**
70kDa

**Calculated MW**
60kDa

**Category**
Polyclonal Antibody

**Applications**
WB,IF/ICC,ELISA

**Cross-Reactivity**
Human,Mouse,Rat

## Background

This gene encodes one of three natriuretic peptide receptors. Natriutetic peptides are small peptides which regulate blood volume and pressure, pulmonary hypertension, and cardiac function as well as some metabolic and growth processes. The product of this gene encodes a natriuretic peptide receptor responsible for clearing circulating and extracellular natriuretic peptides through endocytosis of the receptor. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:500 - 1:2000 |
| **IF/ICC** | 1:50 - 1:200 |

## Immunogen Information

**Gene ID**
4883

**Swiss Prot**
P17342

**Immunogen**
Recombinant fusion protein containing a sequence corresponding to amino acids 200-480 of human NPR3 (NP_001191304.1).

**Synonyms**
NPRC; ANP-C; ANPRC; BOMOS; NPR-C; ANPR-C; GUCY2B; C5orf23; NPR3

## Contact

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## Product Information

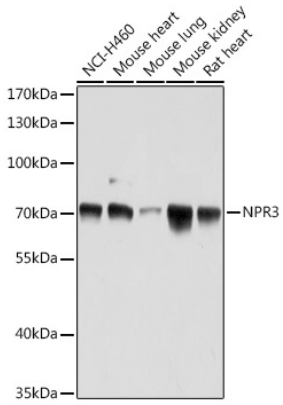
**Source**
Rabbit

**Isotype**
IgG

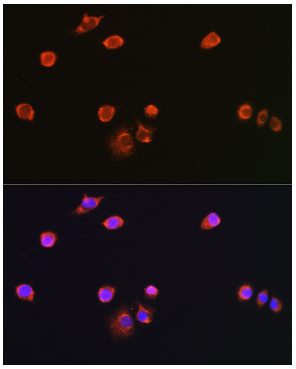
**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of various lysates using NPR3 Rabbit pAb (A16932) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.



Immunofluorescence analysis of L929 cells using NPR3 Rabbit pAb (A16932) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.