

Datasheet for ABIN5007822

**anti-NPR3 antibody (AA 301-400) (AbBy Fluor® 750)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | NPR3                                                                                                                           |
| Binding Specificity: | AA 301-400                                                                                                                     |
| Reactivity:          | Human, Mouse                                                                                                                   |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This NPR3 antibody is conjugated to AbBy Fluor® 750                                                                            |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                           |
|-----------------------|-----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human NPR-C |
| Isotype:              | IgG                                                       |
| Cross-Reactivity:     | Human, Mouse                                              |
| Predicted Reactivity: | Rat,Cow,Horse                                             |
| Purification:         | Purified by Protein A.                                    |

## Target Details

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Target:           | NPR3                                                                  |
| Alternative Name: | NPRC/Natriuretic Peptide Receptor C ( <a href="#">NPR3 Products</a> ) |

Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: ANP C, ANPC, ANPRC, Atrial natriuretic peptide C type receptor, Atrionatriuretic peptide receptor C, Natriuretic peptide receptor C/guanylate cyclase C, NPR 3, NPR C, NPR3, NPRC, ANPRC_HUMAN.</p> <p>Background: Natriuretic peptide receptor C does not exhibit guanylate cyclase activity. There seem to be at least three ANP receptors: two with guanylate cyclase activity (ANPA and ANPB) and one (ANPC) which is probably responsible for the clearance of ANP from the circulation without a role in signal transduction.</p> |
| Gene ID:    | 4883                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Pathways:   | <a href="#">cAMP Metabolic Process</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Application Details

|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only                                                       |

Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |