

Datasheet for ABIN953764

**anti-NT5C1B antibody (N-Term)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 0.4 mL                                          |
| Target:              | NT5C1B                                          |
| Binding Specificity: | AA 10-40, N-Term                                |
| Reactivity:          | Human, Mouse                                    |
| Host:                | Rabbit                                          |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This NT5C1B antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Enzyme Immunoassay (EIA) |

## Product Details

|                             |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 10-40aa) of human NT5C1B. |
| Isotype:                    | Ig Fraction                                                                                                    |
| Specificity:                | This antibody detects NT5C1B at N-term.                                                                        |
| Cross-Reactivity (Details): | Species reactivity (tested): Human, Mouse                                                                      |
| Purification:               | Purified through a protein A column; followed by peptide affinity purification.                                |

## Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Target:           | NT5C1B                                     |
| Alternative Name: | NT5C1B ( <a href="#">NT5C1B Products</a> ) |

## Target Details

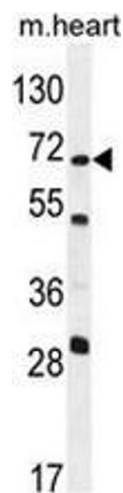
|                 |                                                                                                                                                                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:     | Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of adenosine, which regulates diverse physiologic processes (Sala-Newby and Newby, 2001 [PMID 11690631]).Synonyms: AIRP, Autoimmune infertility-related protein, Cytosolic 5'-nucleotidase 1B, FKSG85, cN1B |
| Gene ID:        | 100526794                                                                                                                                                                                                                                                                        |
| NCBI Accession: | <a href="#">NP_001002006</a>                                                                                                                                                                                                                                                     |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 0.25 mg/mL                                                                                                             |
| Buffer:            | PBS with 0.09 % (W/V) Sodium Azide.                                                                                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C/-20 °C                                                                                                            |
| Storage Comment:   | Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.                            |



Western Blotting

**Image 1.** Western blot analysis in mouse heart tissue lysates (35ug/lane) using NT5C1B Antibody (N-term). This demonstrates the NT5C1B antibody detected the NT5C1B protein (arrow).