

Datasheet for ABIN1702669

**anti-SLC29A1 antibody (AA 201-300) (Cy3)**[Go to Product page](#)

## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | SLC29A1                                                                                                 |
| Binding Specificity: | AA 201-300                                                                                              |
| Reactivity:          | Human                                                                                                   |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This SLC29A1 antibody is conjugated to Cy3                                                              |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ENT1/SLC29A1 |
| Isotype:              | IgG                                                              |
| Cross-Reactivity:     | Human                                                            |
| Predicted Reactivity: | Mouse,Rat,Cow,Sheep,Horse                                        |
| Purification:         | Purified by Protein A.                                           |

## Target Details

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Target:           | SLC29A1                                           |
| Alternative Name: | ENT1/SLC29A1 ( <a href="#">SLC29A1 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: Equilibrative NBMPR-sensitive nucleoside transporter, equilibrative nitrobenzylmercaptapurine riboside NBMPR-sensitive nucleoside transporter, Equilibrative nitrobenzylmercaptapurine riboside-sensitive nucleoside transporter, Equilibrative nucleoside transporter 1, es-type, MGC1465, MGC3778, Nucleoside transporter, Nucleoside transporter, es-type, OTTHUMP00000016506, OTTHUMP00000016507, OTTHUMP00000016508, OTTHUMP00000016509, OTTHUMP00000016510, OTTHUMP00000016511, OTTHUMP00000016512, S29A1_HUMAN, SLC29A1, solute carrier family 29 nucleoside transporters, member 1, Solute carrier family 29 member 1.</p> <p>Background: Equilibrative nucleoside transporters (ENTs) regulate many physiological processes and are widely distributed in mammals, plants, yeasts, insects, nematodes and protozoans. They enable facilitated diffusion of hydrophilic nucleosides, such as adenosine and nucleoside analogs, across cell membranes. ENTs are required for uptake of antiviral and anticancer nucleoside drugs and influence a variety of physiological processes, such as neurotransmission and platelet aggregation, by regulating the amount of adenoside available to cell surface receptors. Equilibrative nucleoside transporter 1 (ENT1), also designated solute carrier family 29 (nucleoside transporters), member 1, belongs to the SLC29A transporter family and is a mammalian ENT isoform. ENT1, along with ENT3, mediates the majority of influx and efflux of nucleosides across the plasma membrane.</p> |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|          |      |
|----------|------|
| Gene ID: | 2030 |
|----------|------|

|           |                                                                              |
|-----------|------------------------------------------------------------------------------|
| Pathways: | <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Synaptic Membrane</a> |
|-----------|------------------------------------------------------------------------------|

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
|--------------------|--------------------------------------------------------------|

|               |                       |
|---------------|-----------------------|
| 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                                                                                                     |

Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                          |