

Datasheet for ABIN962099

## anti-SLC18A3 antibody (C-Term)



[Go to Product page](#)

### Overview

|                      |                                        |
|----------------------|----------------------------------------|
| Quantity:            | 100 µg                                 |
| Target:              | SLC18A3                                |
| Binding Specificity: | C-Term                                 |
| Reactivity:          | Mouse                                  |
| Host:                | Chicken                                |
| Clonality:           | Polyclonal                             |
| Conjugate:           | This SLC18A3 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA           |

### Product Details

|               |                                                                                                                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Twenty (20) AA peptide mapping within the C-terminus of rat/mouse VAT (1). This peptide is predicted to be cytoplasmic. The peptide was coupled to KLH.                                                                                       |
| Isotype:      | IgY                                                                                                                                                                                                                                           |
| Specificity:  | The 20-aa mouse/rat sequence shows 75 % homology with the human VAT. No significant sequence homology is seen with other neurotransmitter transporter. Actual species cross-reactivity of antibodies in various species has not been studied. |
| Purification: | Immunoaffinity purified                                                                                                                                                                                                                       |

### Target Details

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Target:           | SLC18A3                                              |
| Alternative Name: | SLC18A3 / VACHT ( <a href="#">SLC18A3 Products</a> ) |

## Target Details

|             |                                                                     |
|-------------|---------------------------------------------------------------------|
| Background: | Name/Gene ID: SLC18A3                                               |
|             | Subfamily: Vesicle amine transporter                                |
|             | Family: Transporter                                                 |
|             | Synonyms: SLC18A3, HVACHT, VACHT, RVACHT, Vesicular ACh transporter |

|          |                        |
|----------|------------------------|
| Gene ID: | 6572                   |
| UniProt: | <a href="#">Q16572</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: ELISA (1:10000 - 1:50000), WB                                                                                                                                                                                                                                         |
|                    | Usage: Suitable for use in ELISA, Western Blot. Western Blot (1:1000-1:5000 for neat serum and 1-10 µg/mL for affinity pure using ECL. ELISA:1:10000-1:50000 for neat serum and 0.5-1 µg/mL for affinity purified. Control peptide can be used to coat ELISA plates at 1 µg/mL. |
| Comment:           | Target Species of Antibody: Mouse                                                                                                                                                                                                                                               |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                           |

## Handling

|                  |                                                                                             |
|------------------|---------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                 |
| Reconstitution:  | Sterile PBS                                                                                 |
| Concentration:   | Lot specific                                                                                |
| Buffer:          | Lyophilized from PBS, 0.1 % BSA                                                             |
| Handling Advice: | Avoid freeze/thaw cycles.                                                                   |
| Storage:         | -20 °C                                                                                      |
| Storage Comment: | Store at -20°C. After reconstitution, aliquot and store at -20°C. Avoid freeze/thaw cycles. |