

# SLC38A10 Rabbit pAb

SLC38A10 Rabbit pAb

Catalog # AP57676

## Product Information

|                             |                                                                                                                           |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>          | IHC-P, IHC-F, IF                                                                                                          |
| <b>Primary Accession</b>    | <a href="#">Q9HBR0</a>                                                                                                    |
| <b>Predicted</b>            | Rat, Dog, Human, Mouse, Horse                                                                                             |
| <b>Host</b>                 | Rabbit                                                                                                                    |
| <b>Clonality</b>            | Polyclonal                                                                                                                |
| <b>Calculated MW</b>        | 119762                                                                                                                    |
| <b>Physical State</b>       | Liquid                                                                                                                    |
| <b>Immunogen</b>            | KLH conjugated synthetic peptide derived from human SLC38A10                                                              |
| <b>Epitope Specificity</b>  | 1-100/1119                                                                                                                |
| <b>Isotype</b>              | IgG                                                                                                                       |
| <b>Purity</b>               | affinity purified by Protein A                                                                                            |
| <b>Buffer</b>               | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                         |
| <b>SUBCELLULAR LOCATION</b> | Membrane.                                                                                                                 |
| <b>Important Note</b>       | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

## Additional Information

|                    |                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 124565                                                                                                                                                                                          |
| <b>Other Names</b> | Solute carrier family 38 member 10, SLC38A10<br>{ECO:0000250 UniProtKB:Q5I012, ECO:0000312 HGNC:HGNC:28237}                                                                                     |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500<br>0-10000                                                                                                            |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

|                          |                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | SLC38A10 {ECO:0000250 UniProtKB:Q5I012, ECO:0000312 HGNC:HGNC:28237}                                                                                                                                          |
| <b>Function</b>          | Facilitates bidirectional transport of amino acids. May act as a glutamate sensor that regulates glutamate-glutamine cycle and mTOR signaling in the brain. The transport mechanism remains to be elucidated. |
| <b>Cellular Location</b> | Membrane; Multi-pass membrane protein                                                                                                                                                                         |

## Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.