antibodies -online.com





anti-SLC36A2 antibody (N-Term)

2 Images

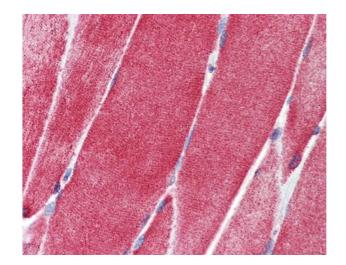


Go to Product page

| Overview | |
|-----------------------|---|
| Quantity: | 100 μL |
| Target: | SLC36A2 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC36A2 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |
| Product Details | |
| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human SLC36A2 |
| Sequence: | TFLDESPSES AGLKKTKGIT VFQALIHLVK GNMGTGILGL PLAVKNAGIL |
| Predicted Reactivity: | Human: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against SLC36A2. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |
| Target Details | |
| Target: | SLC36A2 |

Target Details

| Alternative Name: | SLC36A2 (SLC36A2 Products) |
|---------------------|--|
| Background: | SLC36A2 is involved in a pH -dependent electrogenic neuronal transport and sequestration of small amino acids amino acids such as glycine, alanine and proline. SLC36A2 is inhibited by sarcosine. Alias Symbols: FLJ16051, MGC119658, MGC119660, PAT2, TRAMD1 Protein Size: 483 |
| Molecular Weight: | 53 kDa |
| Gene ID: | 153201 |
| NCBI Accession: | NM_181776, NP_861441 |
| UniProt: | Q495M3 |
| Pathways: | Proton Transport |
| Application Details | |
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 483 AA |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| 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 freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| | |



Immunohistochemistry

Image 1. IHC Information: Paraffin embedded skeletal muscle tissue, tested with an antibody dilution of 5 ug/ml.

90 kDa__ 65 kDa__ 40 kDa__ 31 kDa__ 22 kDa__

Western Blotting

Image 2. WB Suggested Anti-SLC36A2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate