Datasheet for ABIN629787

# anti-SLC38A4 antibody (Middle Region)

2 Images

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## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | SLC38A4 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), C. elegans, Drosophila melanogaster |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SLC38A4 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

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|---|---|
| Immunogen: | SLC38 A4 antibody was raised using the middle region of SLC38 4 corresponding to a region with amino acids LAALFGYLTFYGEVEDELLHAYSKVYTLDIPLLMVRLAVLVAVTLTVPIV |
| Specificity: | SLC38 A4 antibody was raised against the middle region of SLC38 4 |
| Purification: | Purified |

## Target Details

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|---|---|
| Target: | SLC38A4 |
| Alternative Name: | SLC38A4 (SLC38A4 Products) |
| Background: | SLC38A4 is found predominantly in liver and transports both cationic and neutral amino acids. The transport of cationic amino acids by SLC38A4 is Na(+) and pH independent, while the transport of neutral amino acids is Na(+) and pH dependent. |

## Target Details

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| Molecular Weight: | 17 kDa (MW of target protein) |

## Application Details

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| Application Notes: | WB: 2.5 µg/mL, IHC: 4-8 µg/mL<br>Optimal conditions should be determined by the investigator. |
| Comment: | SLC38A4 Blocking Peptide, catalog no. 33R-4755, is also available for use as a blocking control in assays to test for specificity of this SLC38A4 antibody |
| Restrictions: | For Research Use only |

## Handling

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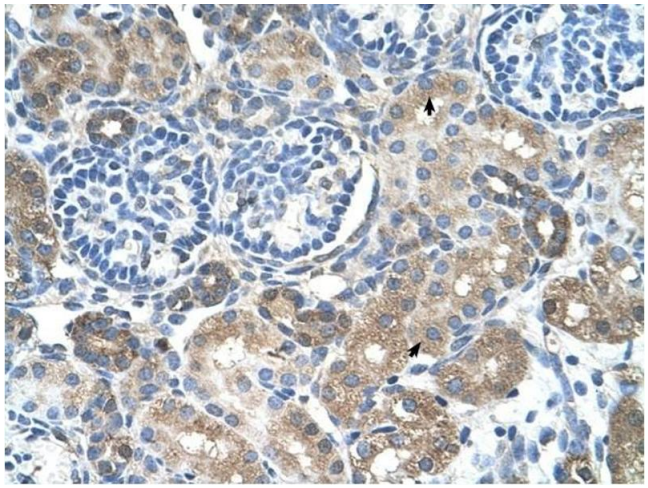
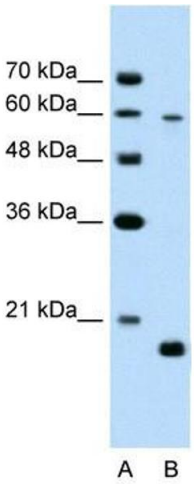
|---|---|
| Format: | Lyophilized |
| Reconstitution: | Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLC30 4 antibody in PBS |
| Concentration: | Lot specific |
| Buffer: | PBS |
| Handling Advice: | Avoid repeated freeze/thaw cycles.<br>Dilute only prior to immediate use. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C. |

## Images



**Immunohistochemistry**

**Image 1.** SLC38A4 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X




**Western Blotting**

**Image 2.** SLC38A4 antibody used at 2.5 ug/ml to detect target protein.

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