

## SLC4A4 antibody [HL5250]

**Cat. No. GTX645506**

|                     |            |
|---------------------|------------|
| <b>Host</b>         | Rabbit     |
| <b>Clonality</b>    | Monoclonal |
| <b>Isotype</b>      | IgG        |
| <b>Applications</b> | WB, IHC-P  |
| <b>Reactivity</b>   | Human      |

**Package**  
100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:500-1:3000         |
| IHC-P              | Assay dependent      |

Not tested in other applications.

**Observed MW (kDa)** 130 kDa.**Product Note** This antibody was raised against human SLC4A4 Intracellular domain.

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS                                                                                                                                                                                                                        |
| <b>Preservative</b>  | No preservatives                                                                                                                                                                                                           |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| <b>Immunogen</b>     | Synthetic peptide encompassing a sequence within the Intracellular domain of human SLC4A4. The exact sequence is proprietary.                                                                                              |
| <b>Purification</b>  | Affinity purified by Protein A.                                                                                                                                                                                            |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

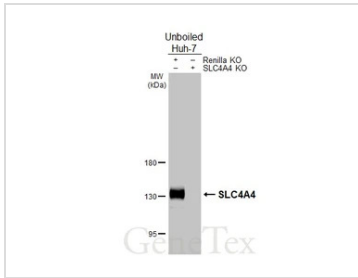
**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

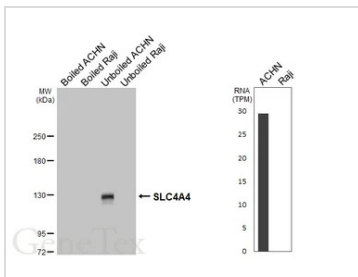
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



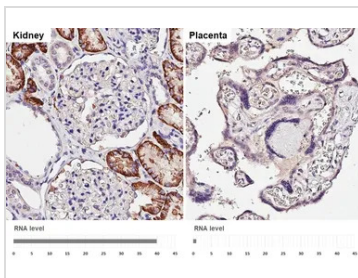
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**DATA IMAGES**

**GTX645506 WB Image**

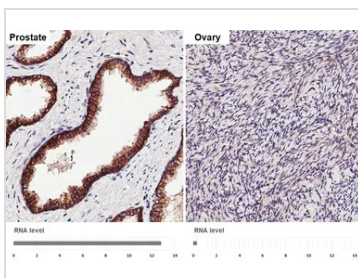
Renilla knockout (KO) and SLC4A4 knockout (KO) unboiled Huh-7 cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with SLC4A4 antibody [HL5250] (GTX645506) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.


**GTX645506 WB Image**

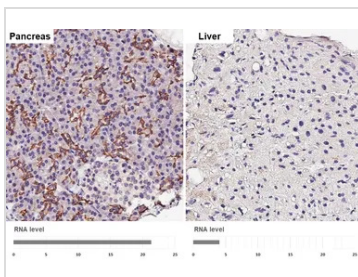
Boiled and unboiled various whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with SLC4A4 antibody [HL5250] (GTX645506) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on Human Protein Atlas program.


**GTX645506 IHC-P Image**

SLC4A4 antibody [HL5250] detects SLC4A4 protein by immunohistochemical analysis. Sample: Paraffin-embedded human tissues. SLC4A4 stained by SLC4A4 antibody [HL5250] (GTX645506) diluted at 1:200. Antigen Retrieval: Tris-EDTA buffer, pH 9.0, 15 min. Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.


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