

# SLC1A4 Polyclonal Antibody

Catalog Number:E-AB-12641



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

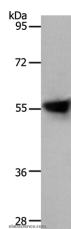
## Description

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| <b>Reactivity</b>   | Human,Mouse                                         |
| <b>Immunogen</b>    | Synthetic peptide of human SLC1A4                   |
| <b>Host</b>         | Rabbit                                              |
| <b>Isotype</b>      | IgG                                                 |
| <b>Purification</b> | Affinity purification                               |
| <b>Conjugation</b>  | Unconjugated                                        |
| <b>Formulation</b>  | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

## Applications Recommended Dilution

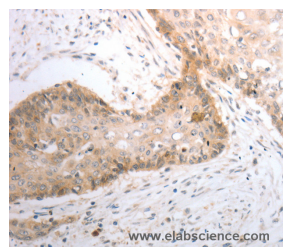
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:2000 |
| <b>IHC</b> | 1:25-1:100   |

## Data



Western Blot analysis of Human liver cancer tissue using SLC1A4 Polyclonal Antibody at dilution of 1:800

**Calculated Mw:56kDa**



Immunohistochemistry of paraffin-embedded Human cervical cancer using SLC1A4 Polyclonal Antibody at dilution of 1:40

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

Neutral amino acid transporter A is a protein that in humans is encoded by the SLC1A4 gene. In melanocytic cells SLC1A4 gene expression may be regulated by MITF. ASCT1 does not transport glutamate or aspartate but alanine, serine, cysteine, and threonine instead. ASCT1 transporter functions primarily as an amino acid exchanger. Transport is associated with a chloride channel activity that is thermodynamically uncoupled from amino acid transport.

## For Research Use Only

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