

# SLC1A4 Rabbit pAb

Catalog No.: A12507 **3 Publications**

## Basic Information

### Observed MW

56kDa

### Calculated MW

56kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is a sodium-dependent neutral amino acid transporter for alanine, serine, cysteine, and threonine. Defects in this gene have been associated with developmental delay, microcephaly, and intellectual disability.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

6509

### Swiss Prot

P43007

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 140-220 of human SLC1A4 (NP\_003029.2).

### Synonyms

SATT; ASCT1; SPATCCM; SLC1A4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

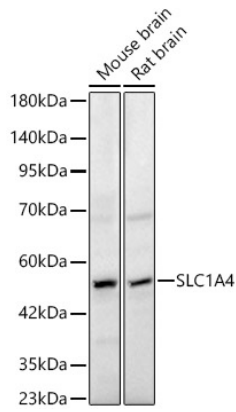
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of various lysates, using SLC1A4 Rabbit pAb (A12507) at 1:2000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.