

Anti-Human/Mouse SLC1A4 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA10771

3th Edition

Description: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.

Antigen:Synthetic peptide of human SLC1A4

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Expressed mostly in brain, muscle, and pancreas but detected in all tissues examined.