

Datasheet for ABIN635938
anti-SLC1A1 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	SLC1A1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC1A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SLC1 A1 antibody was raised using the N terminal Of Slc1 1 corresponding to a region with amino acids VLVREHSNLSTLEKFYFAFPGEILMRMLKLIILPLISSMITGVAALDSN
Specificity:	SLC1 A1 antibody was raised against the N terminal Of Slc1 1
Purification:	Affinity purified

Target Details

Target:	SLC1A1
Alternative Name:	SLC1A1 (SLC1A1 Products)
Background:	SLC1A1 transports L-glutamate and also L- and D-aspartate. It is essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. SLC1A1 acts as a symport by cotransporting sodium. It negatively regulated by ARL6IP5.

Target Details

Molecular Weight: 57 kDa (MW of target protein)

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: SLC1A1 Blocking Peptide, catalog no. 33R-9692, is also available for use as a blocking control in assays to test for specificity of this SLC1A1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLC0 1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
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



Western Blotting

Image 1. SLC1A1 antibody used at 1 ug/ml to detect target protein.