

Datasheet for ABIN630354
anti-SLC11A1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	SLC11A1
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC11A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SLC11 A1 antibody was raised using the C terminal of SLC11 1 corresponding to a region with amino acids VLLTRSCAILPTVLVAVFRDLRDL SGLNDLLNVLQSLLLPFAVLPILTFT
Specificity:	SLC11 A1 antibody was raised against the C terminal of SLC11 1
Purification:	Purified

Target Details

Target:	SLC11A1
Alternative Name:	SLC11A1 (SLC11A1 Products)
Background:	SLC11A1 is a member of the solute carrier family 11 (proton-coupled divalent metal ion transporters) family and is a multi-pass membrane protein. The protein functions as a divalent transition metal (iron and manganese) transporter involved in iron metabolism and host

Target Details

resistance to certain pathogens. Mutations in its gene have been associated with susceptibility to infectious diseases such as tuberculosis and leprosy, and inflammatory diseases such as rheumatoid arthritis and Crohn disease.

Molecular Weight: 61 kDa (MW of target protein)

Pathways: [Transition Metal Ion Homeostasis](#), [Production of Molecular Mediator of Immune Response](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: WB: 1.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: SLC11A1 Blocking Peptide, catalog no. 33R-9676, is also available for use as a blocking control in assays to test for specificity of this SLC11A1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLC10 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.



Western Blotting

Image 1. SLC11A1 antibody used at 1.25 ug/ml to detect target protein.