

Datasheet for ABIN2781739
anti-SLC41A1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SLC41A1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Horse, Rabbit, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC41A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SLC41A1
Sequence:	TSEFLGPDGA GVEVVIESRA NAKGVREEDA LLENGSQSNE SDDVSTDGRP
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against SLC41A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SLC41A1
---------	---------

Target Details

Alternative Name:	SLC41A1 (SLC41A1 Products)
Background:	<p>SLC41A1 belongs to the SLC41A transporter family. It acts as a magnesium transporter that is responsive to magnesium balance.</p> <p>Alias Symbols: MgtE</p> <p>Protein Interaction Partner: ELAVL1, UBC,</p> <p>Protein Size: 513</p>
Molecular Weight:	55 kDa
Gene ID:	254428
NCBI Accession:	NM_173854 , NP_776253
UniProt:	Q8IVJ1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 513 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-SLC41A1 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721_B
cell lysate