

Datasheet for ABIN2781711  
**anti-SLC46A1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	SLC46A1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Dog, Guinea Pig, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC46A1 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 SLC46A1
Sequence:	MEGSASPPEK PRARPAAVL CRGPVEPLVF LANFALVLQG PLTTQYLWHR
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC46A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SLC46A1
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## Target Details

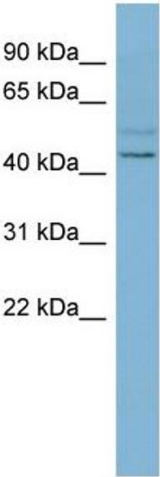
Alternative Name:	SLC46A1 ( <a href="#">SLC46A1 Products</a> )
Background:	<p>This gene encodes a transmembrane proton-coupled folate transporter protein that facilitates the movement of folate and antifolate substrates across cell membranes optimally in acidic pH environments. This protein is also expressed in the brain and choroid.</p> <p>Alias Symbols: HCP1, MGC9564, PCFT</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 459</p>
Molecular Weight:	50 kDa
Gene ID:	113235
NCBI Accession:	<a href="#">NM_080669</a> , <a href="#">NP_542400</a>
UniProt:	<a href="#">Q96NT5</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Dicarboxylic Acid Transport</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 459 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-SLC46A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:2500 Positive Control: OVCAR-3 cell lysate