

Datasheet for ABIN2781670  
**anti-SLC15A2 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	SLC15A2
Binding Specificity:	Middle Region
Reactivity:	Human, Pig, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC15A2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC15A2
Sequence:	GNENNSLLIE SIKSFQKTPH YSKLHLKTKS QDFHFHLKYH NLSLYTEHSV
Predicted Reactivity:	Cow: 86%, Dog: 83%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 79%, Pig: 86%, Rabbit: 93%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against SLC15A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SLC15A2
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## Target Details

Alternative Name:	SLC15A2 ( <a href="#">SLC15A2 Products</a> )
Background:	<p>SLC15A2 belongs to the PTR2/POT transporter (TC 2.A.17) family. It is a multi-pass membrane protein. The expression/activity of PEPT2 (SLC15A2) may be a critical factor in the modulation of opioidergic neurotransmission in vivo.</p> <p>Alias Symbols: PEPT2</p> <p>Protein Interaction Partner: PDZD3, PDZK1,</p> <p>Protein Size: 729</p>
Molecular Weight:	82 kDa
Gene ID:	6565
NCBI Accession:	<a href="#">NM_021082</a> , <a href="#">NP_066568</a>
UniProt:	<a href="#">Q16348</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 729 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-SLC15A2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate SLC15A2 is supported by BioGPS gene expression data to be expressed in MCF7

Western Blotting

**Image 2.** WB Suggested Anti-SLC15A2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1::12500 Positive Control: MCF7 cell lysate SLC15A2 is supported by BioGPS gene expression data to be expressed in MCF7