

Datasheet for ABIN2781625
anti-SLC01B1 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	SLC01B1
Binding Specificity:	Middle Region
Reactivity:	Human, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC01B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLC01B1
Sequence:	IILYAMKKK YQEKDINASE NGSVMDEANL ESLNKNKHFV PSAGADSETH
Predicted Reactivity:	Cow: 86%, Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against SLC01B1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SLC01B1
Alternative Name:	SLC01B1 (SLC01B1 Products)
Background:	This gene encodes a liver-specific member of the organic anion transporter family. The

Target Details

encoded protein is a transmembrane receptor that mediates the sodium-independent uptake of numerous endogenous compounds including bilirubin, 17-beta-glucuronosyl estradiol and leukotriene C4. This protein is also involved in the removal of drug compounds such as statins, bromosulphophthalein and rifampin from the blood into the hepatocytes. Polymorphisms in the gene encoding this protein are associated with impaired transporter function.

Alias Symbols: LST-1, MGC133282, OATP-C, OATP1B1, OATP2, SLC21A6, LST1, HBLRR, OATPC
Protein Size: 691

Molecular Weight: 76 kDa

Gene ID: 10599

NCBI Accession: [NM_006446](#), [NP_006437](#)

UniProt: [Q9Y6L6](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 691 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.

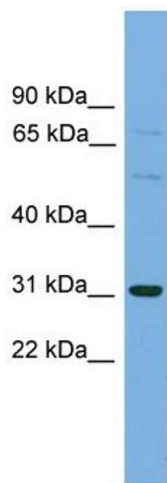
Preservative: Sodium azide

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-SLC01B1 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2
cell lysate