




Product datasheet

Anti-SLC10A2/ASBT antibody ab82170

★★★★★ [1 Abreviews](#) [1 References](#) [1 Image](#)

Overview

Product name	Anti-SLC10A2/ASBT antibody
Description	Goat polyclonal to SLC10A2/ASBT
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Rat 
Immunogen	Synthetic peptide corresponding to Mouse SLC10A2/ASBT aa 337-348 (C terminal). Sequence: C-DETNRKGFQPDKEK Database link: NP_035518.1 <div>  Run BLAST with  Run BLAST with </div>
Positive control	Mouse Small Intestine lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab82170 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	

Application notes

Peptide ELISA: Antibody detection limit dilution 1/32000.

WB: Use at a concentration of 0.5 - 1.5 µg/ml. Predicted molecular weight: 38 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Plays a critical role in the sodium-dependent reabsorption of bile acids from the lumen of the small intestine. Plays a key role in cholesterol metabolism.

Involvement in disease

Defects in SLC10A2 are a cause of primary bile acid malabsorption (PBAM) [MIM:613291]. PBAM is an idiopathic intestinal disorder associated with congenital diarrhea, steatorrhea, interruption of the enterohepatic circulation of bile acids, and reduced plasma cholesterol levels.

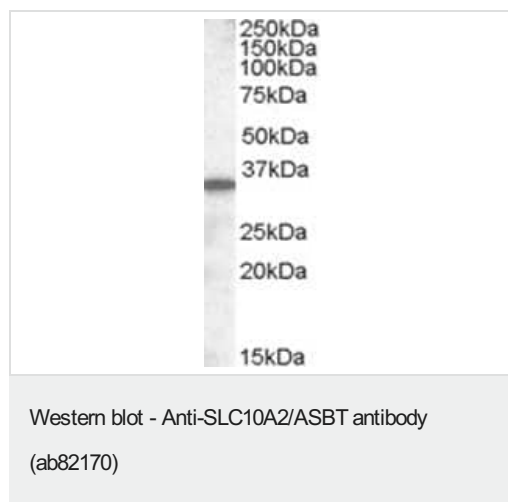
Sequence similarities

Belongs to the sodium:bile acid symporter family.

Cellular localization

Membrane.

Images



Anti-SLC10A2/ASBT antibody (ab82170) at 0.5 µg/ml + Mouse small intestine lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 38 kDa

Observed band size: 35 kDa

Primary incubation was 1 hour.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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