

Product datasheet

Anti-SLC47A1 antibody ab92295

画像数 1

製品の概要

製品名	Anti-SLC47A1 antibody
製品の詳細	Goat polyclonal to SLC47A1
由来種	Goat
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide: C-PEHPQDGAKLSRKQ , corresponding to internal sequence (near C-Terminus) amino acids 528-541 of Human SLC47A1 (NP_060712.2). <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
ポジティブ・コントロール	Human Kidney lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab92295** in the following tested applications.

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

WB

## 追加情報

WB: Use at a concentration of 0.1 - 0.3 µg/ml. Predicted molecular weight: 62 kDa.

Note: An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunizing peptide.

Not yet tested in other applications.

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

## ターゲット情報

## 機能

Solute transporter for tetraethylammonium (TEA), 1-methyl-4-phenylpyridinium (MPP), cimetidine, N-methylnicotinamide (NMN), metformin, creatinine, guanidine, procainamide, topotecan, estrone sulfate, acyclovir, ganciclovir and also the zwitterionic cephalosporin, cephalexin and cephradin. Seems to also play a role in the uptake of oxaliplatin (a new platinum anticancer agent). Able to transport paraquat (PQ or N,N-dimethyl-4'-bipyridinium); a widely used herbicide. Responsible for the secretion of cationic drugs across the brush border membranes.

## 組織特異性

Expressed in adrenal gland, and to a lower extent in liver, skeletal muscle and kidney (especially found in luminal membranes of the urinary tubules, bile caniculi and brush border membranes).

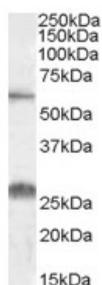
## 配列類似性

Belongs to the multi antimicrobial extrusion (MATE) (TC 2.A.66.1) family.

## 細胞内局在

Cell membrane. Predominantly localized at the plasma membrane but also found in intracellular organelles.

## 画像



Western blot - Anti-SLC47A1 antibody (ab92295)

Anti-SLC47A1 antibody (ab92295) at 0.1

µg/ml + Human Kidney lysate in RIPA buffer at 35 µg

**Predicted band size:** 62 kDa

An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunizing peptide.

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