abcam

Product datasheet

Anti-SLC22A3 / EMT antibody [EPR6630] ab124826

重组 RabMAb

5 References　4 图像

概述

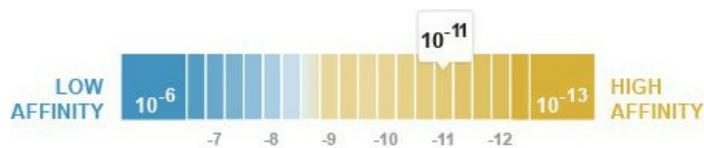|	
产品名称	Anti-SLC22A3 / EMT抗体[EPR6630]
描述	兔单克隆抗体[EPR6630] to SLC22A3 / EMT
宿主	Rabbit
经测试应用	**适用于：** WB, IHC-P, Flow Cyt **不适用于：** IP
种属反应性	**与反应：** Human
免疫原	Synthetic peptide within Human SLC22A3/ EMT aa 300-400. The exact sequence is proprietary.
阳性对照	Human fetal kidney, Human muscle and Human placenta lysates; Human kidney tissue
常规说明	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Previously labelled as SLC22A3.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMab® patents.

This product is a recombinant rabbit monoclonal antibody.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数（K_D）	K_D = 4.75 x 10^{-11} M

Learn more about K_D

存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant

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纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR6630
同种型	IgG

应用

Our Abpromise guarantee covers the use of **ab124826** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
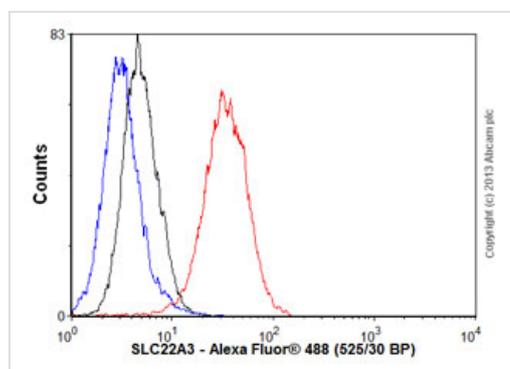
应用	Ab评论	说明
WB		1/10000 - 1/50000. Detects a band of approximately 80 kDa (predicted molecular weight: 61 kDa).
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt		1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

应用说明	Is unsuitable for IP.

靶标

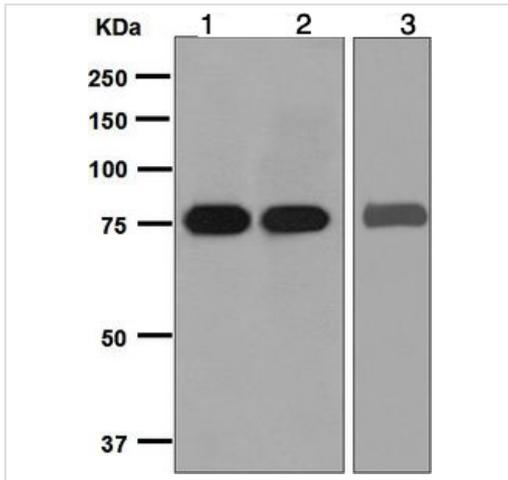| 功能	Mediates potential-dependent transport of a variety of organic cations. May play a significant role in the disposition of cationic neurotoxins and neurotransmitters in the brain.
组织特异性	Expressed in placenta, skeletal muscle, prostate, aorta, liver, fetal lung, salivary gland, adrenal gland, kidney and brain cortex. No expression detected in spleen.
序列相似性	Belongs to the major facilitator superfamily. Organic cation transporter family.
细胞定位	Membrane.

图片

Flow Cytometry - Anti-SLC22A3 / EMT antibody [EPR6630] (ab124826)

Overlay histogram showing JEG3 cells stained with ab124826 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab124826, 1/100 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H&L) (ab150077) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (0.1μg/1x10^6 cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and

525/30 bandpass filter.

Western blot - Anti-SLC22A3 / EMT antibody [EPR6630] (ab124826)

All lanes : Anti-SLC22A3 / EMT antibody [EPR6630] (ab124826) at 1/10000 dilution

Lane 1 : Human fetal kidney lysate
Lane 2 : Human muscle lysate
Lane 3 : Human placenta lysate
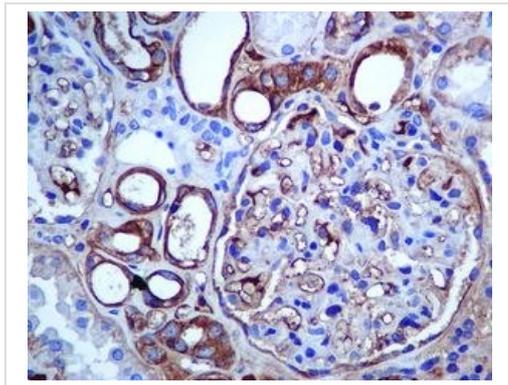
Lysates/proteins at 10 µg per lane.

Secondary
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution
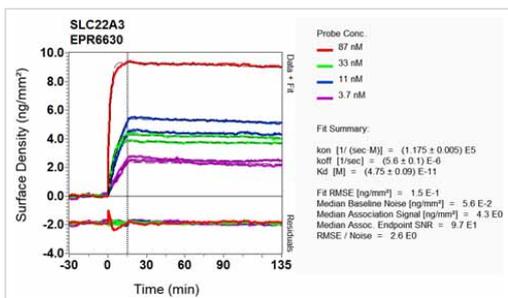
Predicted band size: 61 kDa
Observed band size: 80 kDa
why is the actual band size different from the predicted?

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLC22A3 / EMT antibody [EPR6630] (ab124826)

ab124826, at 1/100 dilution, staining SLC22A3 / EMT in paraffin-embedded Human kidney tissue by Immunohistochemistry.

Other - Anti-SLC22A3 / EMT antibody [EPR6630] (ab124826)

Equilibrium disassociation constant (K_D)
Learn more about K_D

Click here to learn more about K_D

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