


Anti-Serotonin transporter antibody ab130130

★★★★★ [2 Abreviews](#) [11 References](#) [1 图像](#)

概述

产品名称	Anti-Serotonin transporter抗体
描述	山羊多克隆抗体to Serotonin transporter
宿主	Goat
经测试应用	适用于: ICC
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Cow 
免疫原	Synthetic peptide corresponding to Human Serotonin transporter aa 605-618 (C terminal) (Cysteine residue). (NP_001036.1) Sequence: C-KERIIKSITPETPT

Database link: [P31645](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

阳性对照 ICC: HepG2 cells.

常规说明 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.

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab130130于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC		Use at an assay dependent concentration.

靶标

功能 Serotonin transporter whose primary function in the central nervous system involves the regulation of serotonergic signaling via transport of serotonin molecules from the synaptic cleft back into the pre-synaptic terminal for re-utilization. Plays a key role in mediating regulation of the availability of serotonin to other receptors of serotonergic systems. Terminates the action of serotonin and recycles it in a sodium-dependent manner.

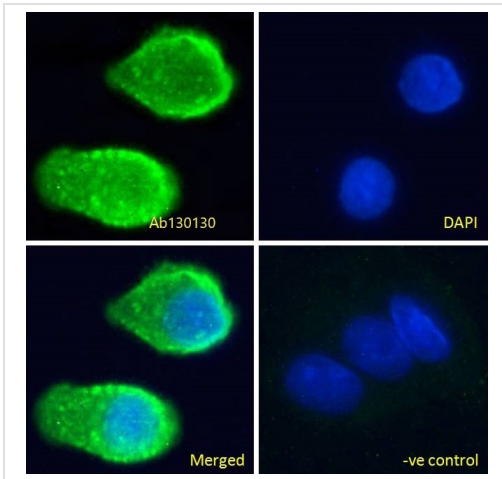
组织特异性 Expressed in platelets (at protein level).

序列相似性 Belongs to the sodium:neurotransmitter symporter (SNF) (TC 2.A.22) family. SLC6A4 subfamily.

翻译后修饰 Glycosylated; modification with sialylated N-glycans is a requirement for transporters to associate with each other and to function as homooligomeric forms.
Phosphorylated at Ser-611, Thr-613 and Thr-616.

细胞定位 Cell membrane. Endomembrane system. Endosome membrane. Translocates from intracellular locations to the plasma membrane. Density of transporter molecules on the plasma membrane is itself regulated by serotonin.

图片



Immunocytochemistry - Anti-Serotonin transporter antibody (ab130130)

Immunocytochemistry analysis of paraformaldehyde fixed HepG2 (human liver hepatocellular carcinoma cell line) cells labeling Serotonin transporter with ab130130 at 10 µg/mL. Cells permeabilized with 0.15% Triton. Primary incubation for 1 hour followed by Alexa Fluor® 488 secondary antibody at 2 µg/mL (green). The nuclear stain is DAPI (blue).

Negative control: Unimmunized goat IgG at 10 µg/mL followed by Alexa Fluor® 488 secondary antibody at 2 µg/mL.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors