


Anti-Serotonin transporter antibody ab130130

★★★★★ [2 Abreviews](#) [11 References](#) [画像数 1](#)

製品の概要

製品名	Anti-Serotonin transporter antibody
製品の詳細	Goat polyclonal to Serotonin transporter
由来種	Goat
アプリケーション	適用あり: ICC
種交差性	交差種: Human 交差が予測される動物種: 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](#)

ポジティブ・コントロール
ICC: HepG2 cells.

特記事項
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

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: 99% 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

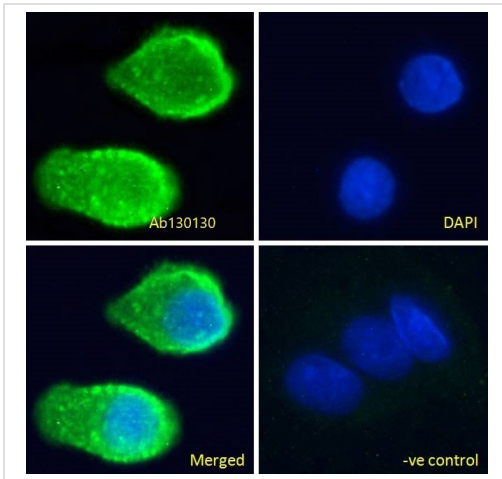
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab130130の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC		Use at an assay dependent concentration.

ターゲット情報

機能	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.
組織特異性	Expressed in platelets (at protein level).
配列類似性	Belongs to the sodium:neurotransmitter symporter (SNF) (TC 2.A.22) family. SLC6A4 subfamily.
翻訳後修飾	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.
細胞内局在	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.

画像



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.

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