




### Anti-5HT4 Receptor antibody ab60359

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#### 製品の概要

製品名	Anti-5HT4 Receptor antibody
製品の詳細	Rabbit polyclonal to 5HT4 Receptor
由来種	Rabbit
特異性	5-HT-4 antibody detects endogenous levels of total 5-HT-4 protein.
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Human, Zebrafish <b>交差が予測される動物種:</b> Mouse, Rat, Horse, Chicken, Guinea pig, Cow, Pig, Chimpanzee, Rhesus monkey, Opossum 
免疫原	Synthetic peptide corresponding to Human 5HT4 Receptor aa 21-70. Sequence: LMAILGNLLV MVAVCWRQL RKIKTNYFIV SLAFADLLVS  Database link: <a href="#">Q13639</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
ポジティブ・コントロール	WB: Jurkat cell, COLO205 cells. ICC: HeLa cells.
特記事項	<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&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride

精製度	Immunogen affinity purified
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

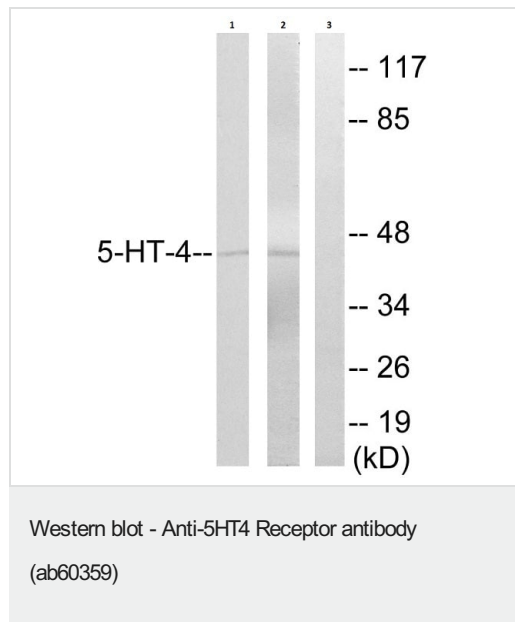
The Abpromise guarantee      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab60359の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Predicted molecular weight: 44 kDa.
ICC/IF		1/500 - 1/1000.

#### ターゲット情報

関連性	The 5HT4 Receptor is one of the several different receptors for 5- hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins that stimulates adenylate cyclase. 5HT4a receptors may play a role in opioid-induced respiratory depression.
細胞内局在	Cell membrane; Multi-pass membrane protein. Endosome. Note: Interaction with SNX27 mediates recruitment to early endosomes, while interaction with SLC9A3R1 and EZR might target the protein to specialized subcellular regions, such as microvilli.

#### 画像



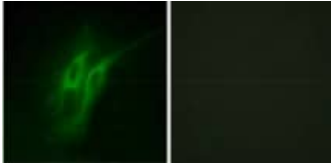
**All lanes :** Anti-5HT4 Receptor antibody (ab60359)

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** COLO205 cell lysate

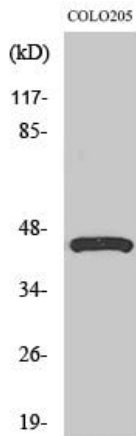
**Lane 3 :** COLO205 cell lysate with Synthesized peptide

**Predicted band size:** 44 kDa



Immunocytochemistry/ Immunofluorescence - Anti-5HT4 Receptor antibody (ab60359)

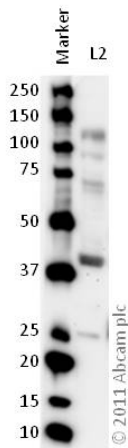
ab60359, staining 5-HT-4 receptor in HeLa cells by ICC/IF (left), with blocking peptide (right).



Western blot - Anti-5HT4 Receptor antibody (ab60359)

Anti-5HT4 Receptor antibody (ab60359) at 1/1000 dilution + COLO205 cells

**Predicted band size:** 44 kDa



Western blot - Anti-5HT4 Receptor antibody (ab60359)

**All lanes :** Anti-5HT4 Receptor antibody (ab60359) at 1/500 dilution

**Lane 1 :** Marker

**Lane 2 :** Zebrafish brain homogenate at 20 µg

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG – H&L – Pre-Adsorbed (HRP) at 1/6000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 44 kDa

**Observed band size:** 42 kDa

**Exposure time:** 5 minutes

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