# abcam

### Product datasheet

## Anti-5HT4 Receptor antibody ab60359

★★★★★ 4 Abreviews 9 References 4 图像

概述

产**品名称** Anti-5HT4 Receptor抗体

描述 兔多克隆抗体to 5HT4 Receptor

**宿主** Rabbit

特异性 5-HT-4 antibody detects endogenous levels of total 5-HT-4 protein.

经测试应用 适用于: WB, ICC/IF

种属反应性 与反应: Human, Zebrafish

预测可用于: 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 MVAVCWDRQL RKIKTNYFIV

SLAFADLLVS

Database link: Q13639

Run BLAST with
Run BLAST with

阳性对照 WB: Jurkat cell, COLO205 cells. ICC: HeLa 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. Store at -20°C. Stable for 12 months at -20°C.

**存储溶液** pH: 7.40

Preservative: 0.02% Sodium azide

Constituents: PBS, 50% Glycerol, 0.87% Sodium chloride

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纯**度** Immunogen affinity purified

#### 应用

## The Abpromise guarantee Abpromise™承诺保证使用ab60359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
WB		1/500 - 1/1000. Predicted molecular weight: 44 kDa.
ICC/IF		1/500 - 1/1000.

#### 靶标

相关性 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.

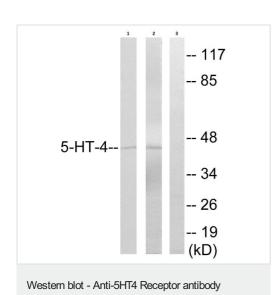
细胞定位 Cell membrane; Multi-pass membrane protein. Endosome. Note: Interaction with SNX27

mediates recruitment to early endosomes, while interaction with SLC9A3R1 and EZR might

target the protein to specialized subcellular regions, such as microvilli.

#### 图片

(ab60359)



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

Lane 1: Jurkat cell lysate

Lane 2: COLO205 cell lysate

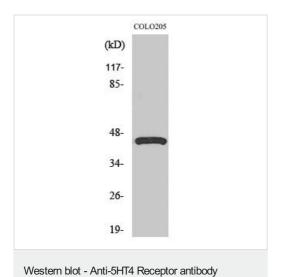
Lane 3: COLO205 cell lysate with Synthesized peptide

Predicted band size: 44 kDa



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

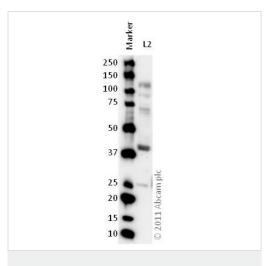
ab60359, staining 5-HT-4 receptor in HeLa cells by ICC/IF (left), with blocking peptide (right).



(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

 $\label{eq:All lanes: Goat polyclonal to Rabbit lgG-H&L-Pre-Adsorbed (HRP) at 1/6000 dilution} \\$ 

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 44 kDa **Observed band size:** 42 kDa

Exposure time: 5 minutes

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

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