

Anti-5HT3A receptor/5ht3 antibody ab13897

★★★★★ [6 Abreviews](#) [9 References](#) [3 图像](#)

概述

产品名称	Anti-5HT3A receptor/5ht3抗体
描述	兔多克隆抗体to 5HT3A receptor/5ht3
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Rat 5HT3A receptor/5ht3. The immunogen is a mixture of synthetic peptides corresponding to amino acids 27-42 (RATQAHSTTQPALLRL) and 427-442 (LSSIRHSLEKRDEMRE). Database link: P35563
阳性对照	human brain lysate
常规说明	<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&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab13897于以下的经测试应用

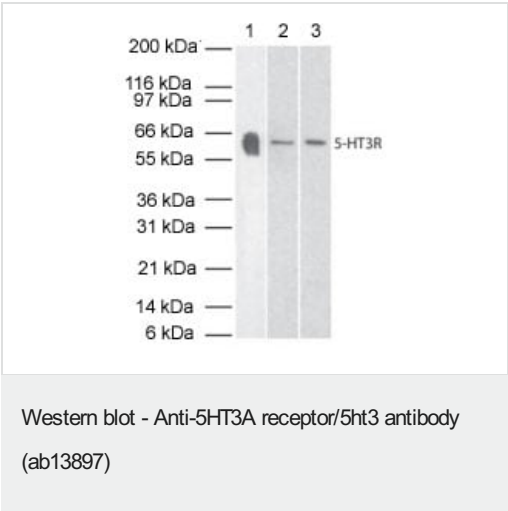
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★★★★★ (2)	Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 55 kDa.

靶标

功能	This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor is a ligand-gated ion channel, which when activated causes fast, depolarizing responses in neurons. It is a cation-specific, but otherwise relatively nonselective, ion channel.
组织特异性	Expressed in cerebral cortex, amygdala, hippocampus, and testis. Detected in monocytes of the spleen and tonsil, in small and large intestine, uterus, prostate, ovary and placenta.
序列相似性	Belongs to the ligand-gated ion channel (TC 1.A.9) family. 5-hydroxytryptamine receptor (TC 1.A.9.2) subfamily. HTR3A sub-subfamily.
细胞定位	Cell junction, synapse, postsynaptic cell membrane. Cell membrane.

图片



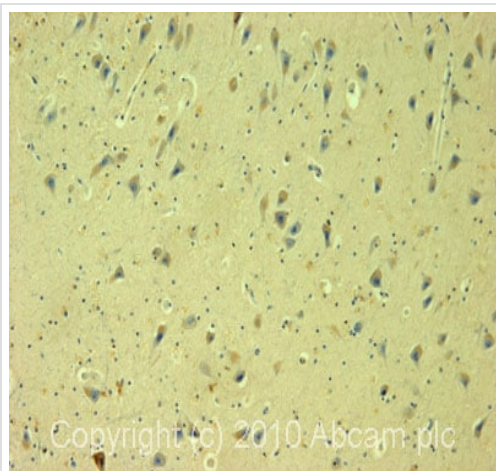
All lanes : Anti-5HT3A receptor/5ht3 antibody (ab13897) at 3 µg/ml

Lane 1 : Human Brain tissue lysate

Lane 2 : Mouse Brain tissue lysate

Lane 3 : Rat Brain tissue lysate

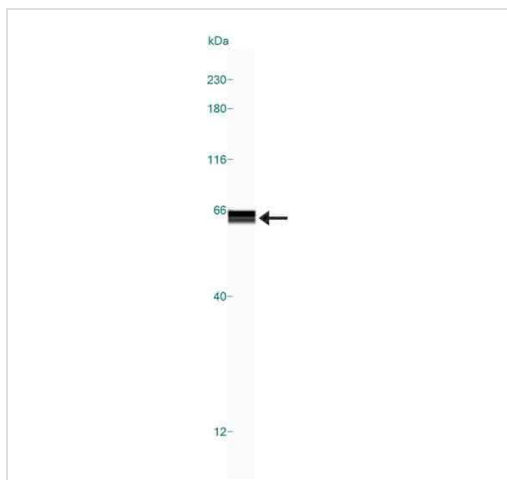
Predicted band size: 55 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-5HT3A receptor/5ht3 antibody (ab13897)

IHC image of ab13897 staining in human normal cerebral cortex formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab13897, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.



Western blot - Anti-5HT3A receptor/5ht3 antibody (ab13897)

Western Blot of human brain lysate staining 5HT3A receptor with ab13897

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