




Product datasheet

Anti-5-HT2C Receptor antibody ab32887

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Overview

Product name	Anti-5-HT2C Receptor antibody
Description	Goat polyclonal to 5-HT2C Receptor
Host species	Goat
Specificity	Ab32887 recognises 5HT2C Receptor.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Dog, Chimpanzee 
Immunogen	Synthetic peptide: C-QVENLELPVN , corresponding to amino acids 437-446 of Human 5HT2C Receptor.  Run BLAST with  Run BLAST with
Positive control	Lysates of EBV immortalised Lymphoblastoids, T cell, MOLT4 and monocytic cell line U937.
General notes	<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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% Tris buffered saline, 0.5% BSA
Purity	Immunogen affinity purified
Purification notes	Ab32887 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality	Polyclonal
Isotype	IgG

Applications

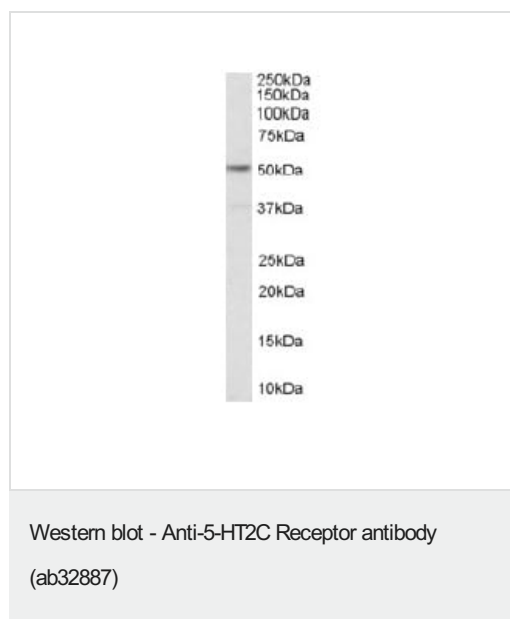
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab32887 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 52 kDa). 1 hour primary incubation is recommended for this product.

Target

Function	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 mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Domain	The PDZ domain-binding motif is involved in the interaction with MPDZ.
Post-translational modifications	N-glycosylated.
Cellular localization	Cell membrane.

Images



Anti-5-HT2C Receptor antibody (ab32887) at 1 µg/ml + EBV immortalised Lymphoblastoid lysate in RIPA buffer at 35 µg

Developed using the ECL technique.

Predicted band size: 52 kDa

Observed band size: 50 kDa

Exposure time: 1 minute

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

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