


Product datasheet

Anti-5HT1B Receptor antibody ab52025

1 Image

Overview

<b>Product name</b>	Anti-5HT1B Receptor antibody
<b>Description</b>	Goat polyclonal to 5HT1B Receptor
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Guinea pig, Cat, Dog, Chimpanzee, Syrian hamster 
<b>Immunogen</b>	Synthetic peptide: C-SNEDFKQAFHK , corresponding to C terminal amino acids 372-382 of Human 5HT1B Receptor <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	Human Brain lysate.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab52025** in the following tested applications.

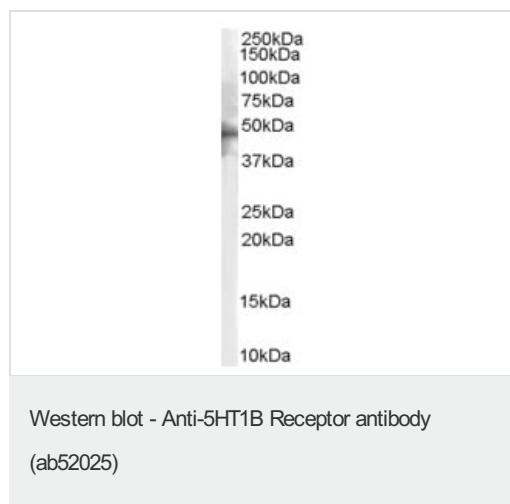
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 48 kDa (predicted molecular weight: 44 kDa). 1 hour primary incubation is recommended for this product.

## Target

<b>Function</b>	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. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity.
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Post-translational modifications</b>	Phosphorylated. Desensitization of the receptor may be mediated by its phosphorylation. Palmitoylated.
<b>Cellular localization</b>	Cell membrane.

## Images



Anti-5HT1B Receptor antibody (ab52025) at 2 µg/ml + Human Brain lysate (35µg protein in RIPA buffer).

**Predicted band size:** 44 kDa

**Observed band size:** 48 kDa

[why is the actual band size different from the predicted?](#)

Primary incubation was 1 hour. Detected by chemiluminescence.

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

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