Product datasheet

Anti-5HT7 Receptor antibody - N-terminal ab137493

1 References  2 Images

Overview

Product name  Anti-5HT7 Receptor antibody - N-terminal
Description  Rabbit polyclonal to 5HT7 Receptor - N-terminal
Host species  Rabbit
Tested applications  Suitable for: WB, ICC/IF
Species reactivity  Reacts with: Human
                  Predicted to work with: Mouse, Rat
Immunogen  Synthetic peptide corresponding to a region within N terminal amino acids 1-45 of Human 5HT7 Receptor (Uniprot ID: P34969).
Positive control  A549, HeLa, Jurkat and NT2D1 whole cell lysates; HeLa cells.

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer  pH: 7.00
Preservative: 0.01% Thimerosal (merthiolate)
Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity  Immunogen affinity purified
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab137493 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>WB</td>
<td></td>
<td>1/500 - 1/3000. Predicted molecular weight: 54 kDa.</td>
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</table>
**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. The activity of this receptor is mediated by G proteins that stimulate adenylate cyclase.

**Tissue specificity**
Isoform A is the predominant isoform in spleen, caudate and hippocampus. Isoform B is expressed at lower levels. Isoform D is a minor isoform in term of expression.

**Sequence similarities**
Belongs to the G-protein coupled receptor 1 family.

**Cellular localization**
Cell membrane.

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<td>ICC/IF</td>
<td>1/100 - 1/1000.</td>
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**Images**

Anti-5HT7 Receptor antibody - N-terminal (ab137493) at 1/1000 dilution + Jurkat whole cell lysate at 30 µg

**Predicted band size:** 54 kDa

10% SDS PAGE
Immunofluorescence analysis of methanol-fixed HeLa cells, labelling 5HT7 Receptor with ab137493 at 1/200 dilution. The lower image is co-stained with Hoechst 33342.

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