Product datasheet

Anti-Orexin Prepro antibody ab16584

1 References

Overview

Product name: Anti-Orexin Prepro antibody
Description: Rabbit polyclonal to Orexin Prepro
Host species: Rabbit
Tested applications:
Suitable for: ELISA, WB
Species reactivity:
Reacts with: Mouse
Immunogen:
Synthetic peptide 17aa (Mouse) (C terminal).

Properties

Form: Liquid
Storage instructions:
Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer:
pH: 7.40
Preservative: Proprietary preservative
 Constituents: PBS, 0.1% BSA
Purity: Immunogen affinity purified
Purification notes:
Purified by antigen affinity chromatography.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab16584 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>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td></td>
<td>1/1000 - 1/10000.</td>
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<tr>
<td>WB</td>
<td></td>
<td>1/1000. Predicted molecular weight: 14 kDa.</td>
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</tbody>
</table>
Target

Relevance
Prepro-orexin is 130 amino acid long peptide with a putative 33 AA secretory sequence, a hydrophobic core followed by residues with small polar side chains. The expression was detected in brain and to a small extent in testis. These neuropeptides bind and activate two closely related Orexin receptors—G-protein coupled receptors (GPCRs) OX1R and OX2R. Orexins (Orexin A and Orexin B) are a family of hypothalamic neuropeptides selectively expressed in the hypothalamus. Orexin A and Orexin B are derived from the same precursor (Prepro-orexin) by proteolytic cleavage.

Cellular localization
Cytoplasmic and Endoplasmic reticulum

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