

Product Information

Anti-Orexin Receptor 1

produced in rabbit, affinity isolated antibody

Product Number **O4514**

Synonym: Anti-OX1R

Product Description

Anti-Orexin Receptor 1 is produced in rabbit against a synthetic 16 amino acid peptide from the C-terminus of human HCRTR1 / Orexin Receptor 1. The antibody is affinity-purified using the immunizing peptide immobilized on agarose.

Anti-Orexin Receptor 1 specifically recognizes human orexin receptor 1 by immunohistochemistry with formalin-fixed, paraffin-embedded tissues. Not tested for other uses. The immunizing peptide has no homology with other human proteins. Other species reactivity has not been confirmed.

Orexin Receptor 1 expression has been documented in brain.

Reagent

Supplied as a solution of 1 mg/ml in phosphate buffered saline containing 0.1% sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, freeze in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

Product Profile

Immunohistochemistry: an optimal working concentration of ~ 14 µg/ml is determined using human brain tissue.

Note: In order to obtain the best results and assay sensitivity in different techniques and preparations, we recommend determining optimal working dilutions by titration test.

This product manufactured by MBL International.

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