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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Orexin Receptor-2 (N Terminal). Rabbit Antigen Immunoaffinity Purified Polyclonal

BACKGROUND

As first published in 1998 by Sakurai et al., the initial neuropeptides Orexin A and Orexin B were shown to be important in the regulation of appetite. Continued research now suggests that these peptides also influence a wide range of physiological and behavioral processes such as increased EEG arousal and wakefulness and locomotor activity. In addition to the orexins, two G-protein coupled receptors, designated orexin receptor-1 and orexin receptor-2, have been identified which presumably mediate the signaling events from these neuropeptides¹. Recently orexin receptors have been found to activate extracellular signal-regulated kinases in CHO cells, namely ERK phosphorylation, through Ca²⁺ influx². Further studies seem to indicate a mechanism for orexin receptor mediated cell death and suggest a pathway from GPCR's to apoptosis through the MAPK pathways.³

ORDERING INFORMATION

CATALOG NUMBER

X1846P

SIZE

10 Miniblots

FORM

HOST/CLONE

Rabbit

FORMULATION

Affinity purified polyclonal antibody provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

ELISA

SPECIES REACTIVITY

Human

ACCESSION NUMBER

O43614, Human

IMMUNOGEN

Synthetic peptide made to recombinant Human Orexin Receptor Type 2

POSITIVE CONTROL/TISSUE EXPRESSION

membrane

COMMENTS

Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

STORAGE CUSTOMER

STABILITY

REFERENCES