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Datasheet for ABIN2764056 **anti-CD200R1 antibody (N-Term)**

Overview

Quantity:	100 µg
Target:	CD200R1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD200R1 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Synthetic peptide made to recombinant Human Orexin Receptor Type 2
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	<p>Ox2r, Hypocretin receptor type 2, 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,</p>

Product Details

through Ca²⁺ influx..2. Further studies seem to indicate a mechanism for orexin receptor mediated cell death and suggest a pathway from GPCRs to apoptosis through the MAPK pathways.3

Purification: Antigen Immunoaffinity Purification

Target Details

Target: CD200R1

Alternative Name: Orexin Receptor-2 ([CD200R1 Products](#))

UniProt: [O43614](#)

Application Details

Application Notes: Optimal concentration should be evaluated by serial dilutions.

Restrictions: For Research Use only

Handling

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles