

Rabbit Orexin Receptor Polyclonal Antibody

Orexin Receptor antibody

CATALOG # AAA224280	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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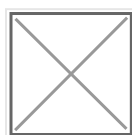
PRODUCT SYNONYMS

Orexin Receptor; Polyclonal Antibody; Orexin Receptor antibody; Polyclonal Orexin Receptor; Anti-Orexin Receptor; anti-Orexin Receptor antibody

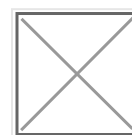
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Orexin Receptor antibody was purified by affinity chromatography
Form/Format	Supplied in lyophilized form
Applicable Applications for anti-Orexin Receptor antibody	IHC (Immunohistochemistry), WB (Western Blot)
Biological Significance	Orexins are endogeneous peptides that activate Orexin Receptor type 1 and type 2, two closely related G-protein coupled receptors. Orexins-A and -B are hypothalamic peptides derived from a precursor called preproorexin and affect the stimulation of food intake. They act on G protein receptors named orexin receptor-1 (OX1R) and orexin receptor-2 (OX2R), respectively. Stimulation of these receptors by orexins causes an increase in intracellular calcium levels in hypothalamic cells in vitro. In vivo, orexins control feeding and may also be involved in modulating sleep-wake cycles and other hypothalamic functions.
Immunogen	Orexin Receptor antibody was raised in Rabbit using a synthetic peptide corresponding to a sequence at the C-terminal of human Orexin Receptor, identical to the related Rabbit and rat sequences, as the immunogen
Preparation and Storage	Store at 4 degree C for short term storage. For long term storage aliquot and store at -20 degree C, avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot using Rat Brain Tissue Lysate


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded section of Rat Brain Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-Orexin Receptor antibody	Affinity purified Rabbit polyclonal Orexin Receptor antibody
Product Categories/Family for anti-Orexin Receptor antibody	Signal Transduction ; Purified Polyclonal Antibodies

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

