

Orexin Prepro antibody

Catalog No: #62151

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Description

Product Name	Orexin Prepro antibody
Brief Description	Rabbit Polyclonal
Host Species	Rabbit
Clonality	Polyclonal
Purification	affinity purified by Protein A
Applications	WB, IHC, IF, ICC/IF, ELISA
Species Reactivity	Human, Mouse, Rat
Immunogen Description	KLH conjugated synthetic peptide derived from human Orexin Prepro: 70-97/131
Target Name	Orexin Prepro
Uniprot	O43612
GeneID	3060
Calculated MW	3kDa
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB 1:500-2000, IHC-P 1:100-500, IHC-F ☐ 1:100-500, IF 1:100-500, ICC/IF 1:100-500, ELISA 1:5000-10000

Background

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 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.

Note: This product is for in vitro research use only