antibodies - online.com







anti-Orexin antibody (N-Term)



Overview

Overview	
Quantity:	50 μg
Target:	Orexin (OX)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Orexin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	A 13 amino acid peptide mapping near the amino terminus of mouse Orexin-B.
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Reacts with full length Orexin-B. The epitope is not found in Orexin-A. Since Orexins-A and Orexin-B are derived from an unprocessed pre-pro orexins (130 aa), the anti-Orexin-B antibodies may also react with pre-pro orexins. Species cross-reactivity: Mouse, rat and human. The immunogen peptide has 92 % homology with rat and human Orexin-B.
Purification:	Affinity purified

Target Details

Target Details	
Target:	Orexin (OX)
Alternative Name:	HCRT / Orexin (OX Products)
Background:	Name/Gene ID: HCRT
	Synonyms: HCRT, PPORX, OX, Hypocretin, NRCLP1, Orexin
Gene ID:	3060
UniProt:	043612
Pathways:	Synaptic Membrane, Feeding Behaviour
Application Details	
Application Notes:	Approved: ELISA (1:10000 - 1:100000), WB (1 - 10 μg/mL)
	Usage: Western blot: 1-10 μ g/mL using Chemiluminescence technique ELISA: 1:10000-1:100000. Immunohistochemistry: Not tested. It is recommended that the antibody be tried at 2-20 μ g/mL.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % BSA, 0.02 % sodium merthiolate.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE

which should be handled by trained staff only.