



Chicken polyclonal antibody to Orexin A (1-13): Affinity purified

Catalogue No.:	C-1531-100
Description:	FUNCTION: Neuropeptides that play a significant role in the regulation of food intake and sleep-wakefulness, possibly by coordinating the complex behavioral and physiologic responses of these complementary homeostatic functions. A broader role in the homeostatic regulation of energy metabolism, autonomic function, hormonal balance and the regulation of body fluids, is also suggested. Orexin-A binds to both OX1R and OX2R with a high affinity, whereas orexin-B binds only to OX2R with a similar high affinity. SUBCELLULAR LOCATION: Endoplasmic reticulum; rough endoplasmic reticulum. Associated with perikaryal rough endoplasmic reticulum as well as cytoplasmic large granular vesicles at synapses. SIMILARITY: Belongs to the orexin family.
Batch No.:	See product label
Unit size:	100 uL
Antigen:	A peptide from the N-terminus of human Orexin A (1-13 aa) .
Sequence:	AQPLPDCCRQKTC
Other Names:	Orexin; Hypocretin; Hcrt; Hypocretin-1; HCRT; OX; PPORX; PPOX;
Accession:	O43612 OREX_HUMAN;
Produced in:	Chicken
Applications:	ELISA . Suggested dilution at 1:2,000 to 1:5,000 as a detection antibody and 1:200 to 1:1,000 as a coating antibody in sandwich ELISA. Biosensis recommends that the optimal working dilution should be determined by the end user.
Cross-reactivity:	Human, Mouse, Rat
Form:	Liquid. PBS with 0.02% Sodium Azide
Storage:	Short term storage at 2-8C for one week. At -20C as an undiluted liquid for up to 12 months.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY