

Product datasheet for **TA364136**

Orexin (HCRT) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Hypocretin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	hypocretin (orexin) neuropeptide precursor
Database Link:	Entrez Gene 3060 Human O43612
Background:	Hypocretin (also known as orexin) is a neuropeptide hormone produced in the hypothalamus that exerts important influences over sleep, arousal, appetite and energy expenditure. High levels of this neurotransmitter are associated with increased appetite, improved mood, and enhanced wakefulness. Low or nonexistent levels of hypocretin are found in the cerebrospinal fluid of people with type 1 narcolepsy. This antibody was generated by immunization of rabbits with Hypocretin coupled to a carrier protein.
Synonyms:	Hypocretin; NRCLP1; orexin; OX; PPORX; PPOX



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