HCRT(Orexin-B) Conjugated Antibody

Catalog No: #C47133

Package Size: #C47133-AF350 100ul #C47133-AF405 100ul #C47133-AF488 100ul #C47133-AF555 100ul #C47133-AF594 100ul #C47133-AF647 100ul #C47133-AF680 100ul #C47133-AF750 100ul #C47133-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	HCRT(Orexin-B) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total HCRT(Orexin-B) protein.
Immunogen Description	Synthetic peptide of human HCRT(Orexin-B)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	OX; PPOX; NRCLP1
Accession No.	Swiss-Prot#:O43612 NCBI Gene ID:3060NCBI Protein#:NP_001515
Uniprot	O43612
GeneID	3060;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a hypothalamic neuropeptide precursor protein that gives rise to two mature neuropeptides, orexin A and orexin B, by proteolytic processing. Orexin A and orexin B, which bind to orphan G-protein coupled receptors HCRTR1 and HCRTR2, function in the regulation of sleep and arousal. This neuropeptide arrangement may also play a role in feeding behavior, metabolism, and homeostasis.

Note: This product is for in vitro research use only