

# Product Datasheet

## Orexin R2/HCRTR2 Antibody

### NB100-74579

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-74579****Orexin R2/HCRT2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Orexin R2/HCRT2 Antibody (NB100-74579) is a polyclonal antibody validated for use in WB and ELISA. Anti-Orexin R2/HCRT2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	3062
Gene Symbol	HCRT2
Species	Human
Immunogen	Peptide with sequence SGTKLEDSPPCRN corresponding to N-Terminus according to NP_001517.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 50 kDa band observed in human brain (cerebral cortex, hippocampus and substantia nigra) lysates (calculated MW of 50.7 kDa band according to NP_001517.1).

**Images**

Western Blot: Orexin R2/HCRT2 Antibody [NB100-74579] - (1.5ug/ml) staining of Human Brain (Hippocampus) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

**Publications**

Spinazzi R, Rucinski M, Neri G et al. Preproorexin and orexin receptors are expressed in cortisol-secreting adrenocortical adenomas, and orexins stimulate in vitro cortisol secretion and growth of tumor cells. J Clin Endocrinol Metab 2005-06-01 [PMID: 15797953]



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### Products Related to NB100-74579

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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