

Product Datasheet

Orexin Receptor 1/2 Antibody

NB100-93465

Unit Size: 0.1 mg

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

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NB100-93465**Orexin Receptor 1/2 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
Target Molecular Weight	48 kDa

Product Description	
Host	Goat
Gene ID	3061
Gene Symbol	HCRTR1
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognise both the human proteins OX1R and OX2R.
Immunogen	Peptide with sequence C-YNFLSGKFREQFK corresponding to internal region according to NP_001517.2.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 48 kDa band observed in human brain (frontal cortex), mouse brain and rat brain lysates (calculated MW of 47.5 kDa band according to NP_001516.1 and NP_001517.1).

Images

Western Blot: Orexin Receptor 1/2 Antibody [NB100-93465] - Staining of Human Frontal Cortex lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

Publications

Fukunaka Y, Shinkai T, Hwang R et al. The orexin 1 receptor (HCRTR1) gene as a susceptibility gene contributing to polydipsia-hyponatremia in schizophrenia *Neuromolecular Med* 2007-01-01 [PMID: 17999203]



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Products Related to NB100-93465

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HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
DLP00	Leptin/OB [HRP]

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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