

Product Datasheet

Orexin R2/HCRTR2 Antibody (1E3) - Azide and BSA Free H00003062-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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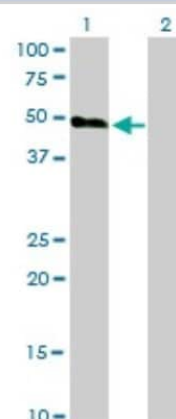
H00003062-M01

Orexin R2/HCRT2 Antibody (1E3) - Azide and BSA Free

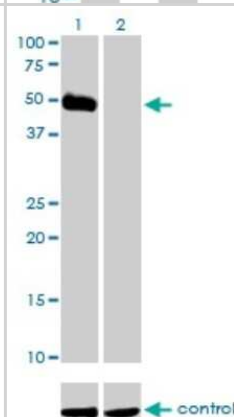
Product Information	
Unit Size	0.1 mg
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Ascites
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3062
Gene Symbol	HCRT2
Species	Human
Specificity/Sensitivity	HCRT2 - hypocretin (orexin) receptor 2
Immunogen	HCRT2 (NP_001517, 1 a.a. ~ 54 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSGTKLEDSPPCRNWSSASELNETQEPFLNPTDYDDEEFLRYLWREYLHPKE YE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

Images

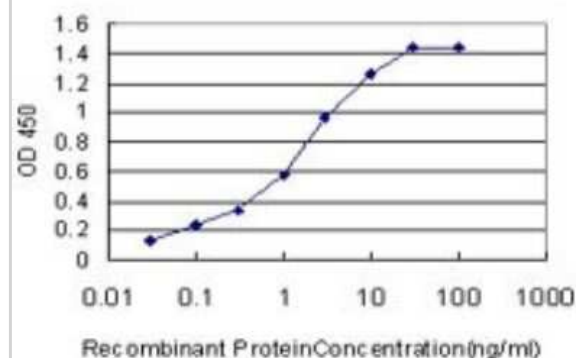
Western Blot: Orexin R2/HCRTR2 Antibody (1E3) [H00003062-M01] - Analysis of HCRTR2 expression in transfected 293T cell line by HCRTR2 monoclonal antibody (M01), clone 1E3. Lane 1: HCRTR2 transfected lysate(50.7 KDa). Lane 2: Non-transfected lysate.



Western Blot: Orexin R2/HCRTR2 Antibody (1E3) [H00003062-M01] - Analysis of HCRTR2 over-expressed 293 cell line, cotransfected with HCRTR2 Validated Chimera RNAi (Cat # H00003062-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with HCRTR2 monoclonal antibody (M01), clone 1E3 (Cat # H00003062-M01). GAPDH (36.1 kDa) used as specificity and loading control.



ELISA: Orexin R2/HCRTR2 Antibody (1E3) [H00003062-M01] - Orexin R2/HCRTR2 Antibody (1E3) [H00003062-M01] - Detection limit for recombinant GST tagged HCRTR2 is approximately 0.03ng/ml as a capture antibody.



Publications

Wang D, Ren H, Li C et al. Orexin A prevents degradation of the articular matrixes in human primary chondrocyte culture Mol Immunol. [PMID: 29913390] (WB, Human)



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Products Related to H00003062-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003062-Q01-10ug	Recombinant Human Orexin R2/HCRT2 GST (N-Term) Protein

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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