

bs-18029R**[Primary Antibody]****Bioss**
ANTIBODIES

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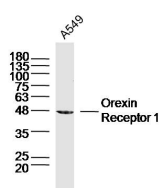
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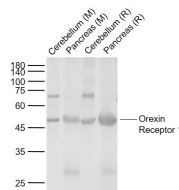
400-901-9800

Orexin Receptor 1 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Horse)
GeneID: 3061	SWISS: O43613	Predicted MW.: 48 kDa
Target: Orexin Receptor 1		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human Orexin Receptor 1: 101-200/425.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: The protein encoded by this gene is a G-protein coupled receptor involved in the regulation of feeding behavior. The encoded protein binds the hypothalamic neuropeptides orexin A and orexin B. A related gene (HCRTR1) encodes a G-protein coupled receptor that selectively binds orexin A. [provided by RefSeq, Jan 2009]		

VALIDATION IMAGES

Sample: A549 Cell (Human) Lysate at 30 ug
 Primary: Anti-Orexin Receptor 1 (bs-18029R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 48kD
 Observed band size: 48kD



Sample: Lane 1: Mouse Cerebellum tissue lysates
 Lane 2: Mouse Pancreas tissue lysates
 Lane 3: Rat Cerebellum tissue lysates
 Lane 4: Rat Pancreas tissue lysates
 Primary: Anti-Orexin Receptor 1 (bs-18029R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 48 kD
 Observed band size: 48 kD

SELECTED CITATIONS

- **[IF=5.81]** Shengyan Xi. et al. The Ciji-Hua' ai-Baosheng II Formula Attenuates Chemotherapy-Induced Anorexia in Mice With H22 Hepatocellular Carcinoma. Front Pharmacol. 2021; 12: 715824 IHC ;Mouse. 34489705
- **[IF=3.333]** Hye Ji J. Kim. et al. Dual Cannabinoid and Orexin Regulation of Anhedonic Behaviour Caused by Prolonged Restraint Stress. BRAIN SCI. 2023 Feb;13(2):314 IHC ;Mouse. 36831860
- **[IF=2.751]** De-Qi Yan. et al. Establishment of a chronic insomnia rat model of sleep fragmentation using unstable platforms surrounded by water. EXP THER MED. 2023 May;25(5):1-12 IF ;Rat. 37114171
- **[IF=3.2]** Guo Yu. et al. Endogenous orexin and hyperacute autonomic responses after resuscitation in a preclinical model of cardiac arrest. FRONT NEUROSCI-SWITZ. 2024 Sep;18: IHC ;Rat. 39347533