bs-15509R

[Primary Antibody]

Orexin A Rabbit pAb



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– DATASHEET ———		400-901-9800
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		ELISA (1:5000-10000)
GenelD: 3060	SWISS: 043612	Reactivity: Human, Mouse, Rat
Target: Orexin A		
Immunogen: KLH conjugated sy 21-70/131.	nthetic peptide derived from human Orex	in A: Predicted
Purification: affinity purified by Protein A		MW.: ^{13 kDa}
Concentration: 1mg/ml		Subcellular
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.		Location: Cytoplasm
Background: Prepro-orexin is 13 secretory sequenc small polar side ch to a small extent ir two closely related (GPCRs) OX1R and family of hypothal hypothalamus. Or precursor (Prepro-	30 amino acid long peptide with a putative e, a hydrophobic core followed by residue hains. The expression was detected in brain testis. These neuropeptides bind and act d Orexin receptors—G-protein coupled rec OX2R. Orexins (Orexin A and Orexin B) are amic neuropeptides selectively expressed exin A and Orexin B are derived from the sa orexin) by proteolytic cleavage.	e 33 AA is with n and ivate eptors a in the ame
– VALIDATION IMAGES –		



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebrum tissue lysates Lane 3: Human U251 cell lysates Primary: Anti- Orexin A (bs-15509R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 13 kDa Observed band size: 12 kDa

- SELECTED CITATIONS -

- [IF=9.3] Guo Jing. et al. Therapeutic effects of orexin-A in sepsis-associated encephalopathy in mice. J NEUROINFLAMM. 2024 Dec;21(1):1-19 WB ;MOUSE. 38760784
- [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