bs-3724R

— DATASHEET ———

[Primary Antibody]

phospho-mu Opioid Receptor (Ser375) Rabbit pAb



www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASTIC			
Host	Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal			ELISA (1:5000-10000)
GenelD: 25601		SWISS: P33535	Reactivity: (predicted: Human, Mouse,
Target: mu Opioid Receptor (Ser375)			Rat, Pig, Cow, Dog, Horse)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from rat mu Opioid Receptor around the phosphorylation site of Ser375: HP(p- S)TA.			Predicted _{44 kDa} MW.:
Purification: affinity purified by Protein A			Subcellular Location: Cell membrane
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: This gene encodes one of three opioid receptors. The mu opioid receptor is the principal target of endogenous opioid peptides and opioid analgesic agents such a s beta-endorphn and enkephalins. The NM_001008503.1:c.118A>G allele had been associated with opioid and alcohol addiction and variations in pain sensitivity but evidence is conflicting. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2012]			

- SELECTED CITATIONS -----

- [IF=6.8] Jiang Cheng. et al. The endogenous opioid system in the medial prefrontal cortex mediates ketamine's antidepressant-like actions. TRANSL PSYCHIAT. 2024 Feb;14(1):1-11 WB ;Rat. 38346984
- [IF=4.586] Sanna MD et al. μ Opioid Receptor-Triggered Notch-1 Activation Contributes to Morphine Tolerance: Role of Neuron–Glia Communication. Mol Neurobiol. 2019 Jul 25. IF ;Mouse. 31347026
- [IF=3.3] Brewer, Kori L., et al. "Dopamine D3 receptor dysfunction prevents anti-nociceptive effects of morphine in the spinal cord." Frontiers in Neural Circuits 8 (2014): 62. WB ;="MOUSE". 24966815
- [IF=3.36] Laureano, D. P., et al. "Intrauterine growth restriction modifies the hedonic response to sweet taste in newborn pups-role of the accumbal μ-opioid receptors." Neuroscience (2016). WB ;="Rat". 26926962