[Primary Antibody]

kappa Opioid receptor Rabbit pAb



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- DATASHEE	т		400-901-9800
Host:	Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality:	Polyclonal		IHC-P (1:100-500)
GenelD:	4986	SWISS: P41145	IFC-F (1:100-500) IF (1:100-500)
Target:	kappa Opioid recepto	r	Reactivity: Human, Mouse, Rat
Immunogen:	KLH conjugated synth Opioid receptor: 201-3	etic peptide derived from human kappa 800/380.	,
Purification:	affinity purified by Pro	tein A	
Concentration: 1mg/ml			Predicted MW.: ^{43 kDa}
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.			Subcellular Location:
Background:	Opioid is the term used opium-like in their prop perception of pain, cor autonomic function, ar Pharmacological studie classes of opioid recep differ in their affinity fo distribution. Studies of that they are structura 7 transmembrane-spai opiod receptor inhibits calcium ion currents ar is the receptor for beta	d to designate a group of compounds that perties. These drugs have effects on isciousness, motor control, mood, and ind can induce physical dependence. es suggested that there are at least 3 maj stors, designated delta, kappa, and mu. Th or various opioid ligands and in their cellul the receptors in the mouse and rat show ally related and are members of the family nning G protein-coupled receptors. The ka is neurotransmitter release by reducing nd increasing potassium ion conductance. a-endorphin.	are or ey ar of ppa It

- VALIDATION IMAGES -



Sample: A549 Cell Lysate at 40 ug Primary: rabbit Anti-kappa Opioid receptor (bs-1094R) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 43 kD Observed band size: 43 kD



Cerebellum tissue lysates Primary: Anti-kappa Opioid receptor (bs-1094R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 45 kDa



(Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (kappa Opioid receptor) Polyclonal Antibody, Unconjugated (bs-1094R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Tissue/cell: rat brain tissue; 4%



Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-kappa Opioid receptor Polyclonal Antibody, Unconjugated(bs-1094R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

- SELECTED CITATIONS -

• [IF=2.1] Xiaofan Xiong. et al. Cell apoptosis in the testis of male rats is elevated by intervention with β-endorphin and the mu opioid receptor. REPROD BIOL. 2023 Sep;23:100789 WB ;Rat. 37499346