

bs-3624R**[Primary Antibody]**

Delta Opioid Receptor Rabbit pAb

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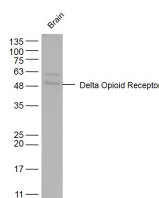
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Chicken, Dog, GuineaPig)
GeneID: 4985	SWISS: P41143	
Target: Delta Opioid Receptor		Predicted MW.: 41 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Delta Opioid Receptor: 81-180/372. < Extracellular >		Subcellular Location: Cell membrane
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 opioid receptors are G-protein coupled, seven-transmembrane domain receptors for enkephalins, endorphins, and dynorphins. Three different opioid receptor subtypes (kappa , delta, and mu) were first identified by their different selectivities for various naturally occurring alkaloid opioid ligands, and subsequently confirmed by molecular cloning. The amino acid sequences of the opioid receptor subtypes are ~70% homologous, and are similar to somatostatin receptors (SSTRs) showing ~40 % homology with SSTR1. G-protein binding is thought to occur at the third intracellular loop of the opioid receptors, which is also the location of consensus sequences for phosphorylation of the receptor. Interestingly, the genes encoding the specific receptor subtypes are found on different chromosomes in both the human and mouse genomes.		

— VALIDATION IMAGES —



Sample: Brain (Mouse) Lysate at 40 ug Primary:
Anti-Delta Opioid Receptor (bs-3624R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 41 kD Observed band size: 41 kD

— 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