

bs-12048R**[Primary Antibody]**

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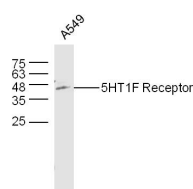
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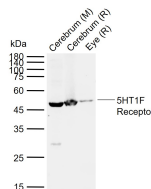
400-901-9800

5HT1F Receptor Rabbit pAb**— DATASHEET —**

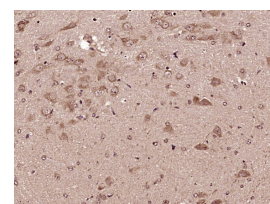
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 3355	SWISS: P30939	
Target: 5HT1F Receptor		
Immunogen: KLH conjugated synthetic peptide derived from human 5HT1F Receptor/SR-1F: 1-100/366.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Dog)
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 members of the G-protein-coupled receptor family are distinguished by their slow transmitting response to ligand binding. These seven transmembrane proteins include the adrenergic, serotonin and dopamine receptors. The effect of the signaling molecule can be excitatory or inhibitory depending on the type of receptor to which it binds. b-adrenergic bound to adrenaline activates adenylyl cyclase, while a2-adrenergic receptor bound to adrenaline inhibits adenylyl cyclase. Like the a2-adrenergic receptor, serotonin receptor functions are also mediated by G proteins that inhibit the activity of adenylyl cyclase. The serotonin receptors have been classified into several categories, designated SR-1-7 (5HT1-7). Subtypes within the SR-1 group include SR-1A, -1B, -1D, -1E and -1F.		
		Predicted MW.: 42 kDa Subcellular Location: Cell membrane

— VALIDATION IMAGES —

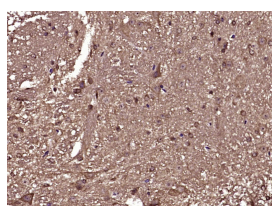
Sample: A549 Cell (Human) Lysate at 40 ug
 Primary: Anti- 5HT1F Receptor (bs-12048R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kD Observed band size: 42 kD



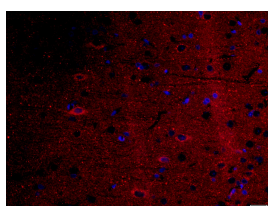
Sample: Lane 1: Mouse Cerebrum tissue lysates
 Lane 2: Rat Cerebrum tissue lysates Lane 3: Rat Eye tissue lysates Primary: Anti-5HT1F Receptor (bs-12048R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 42 kDa Observed band size: 48 kDa



Paraformaldehyde-fixed, paraffin embedded (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 (5HT1F Receptor) Polyclonal Antibody, Unconjugated (bs-12048R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded



Tissue/cell: rat brain tissue;4%

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

(Mouse spinal cord); 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 (5HT1F Receptor) Polyclonal Antibody, Unconjugated (bs-12048R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-5HT1F Receptor Polyclonal Antibody, Unconjugated(bs-12048R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3)used at 1:200 dilution for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033) was used to stain the cell nuclei